

**OMNICOLOR™
MULTIPURPOSE
COLORANTS**



**The industry's first effective
line of multipurpose colorants,
Omnicolor™ offers excellent
color performance across the
broadest range of polymers,
while helping to minimize costs.**

OMNICOLOR™ MULTIPURPOSE COLORANTS

Omnicolor delivers consistently brilliant batch-to-batch color with exceptional reliability and quality. The low usage rate, low minimum order quantities, and pelletized form for easy handling and storage make it a versatile and cost-effective choice. Using Omnicolor can help reduce net working capital by cutting inventory costs.

Available in a wide range of stock and standard colors, Omnicolor colorants are suitable for use with over 25 different polymers, including PVC, nylon and ABS. They are compatible with most common additives, including UV stabilizers, antistats and slip agents. All Omnicolor colorants are heavy metal-free and cadmium-free.

Omnicolor colorants are based on a multipurpose compatible carrier system. They are suitable for use with a wide range of polymers at the addition rates recommended in the table below:

RECOMMENDED ADDITION RATES

| | | | |
|-------------------|------|-----------------|------|
| Polyethylene | 1% | Acetal | 1% |
| Polypropylene | 1% | SAN | 1% |
| GP Polystyrene | 1% | ABS | 1–3% |
| HI Polystyrene | 1–2% | PVC | 1–3% |
| Acrylics (Opaque) | 1% | Polycarbonate | 1% |
| PBT Polyester | 1% | Thermoplastic | 1–3% |
| PET Polyester | 1% | Alloys & Blends | 1–3% |
| Polyurethane | 1–2% | EVA | 1% |
| Polyamide (Nylon) | 1% | Filled Polymers | 1–3% |

These low let-down ratios effectively reduce the overall cost to color.



OMNICOLOR™ PROCESSING INFORMATION

CONCENTRATE SELECTION

Omnicolor colorants are generally selected because of their versatility where a wide range of polymers are processed and their availability for sale in small quantities.

UTILIZATION OF OMNICOLOR BLENDING

Thorough premixing of Omnicolor and the polymer is required to obtain color consistency throughout the production run. This can be achieved by tumble mixing or by the use of concentrate metering devices.

PROCESSING

It is very important that the processing machine has good plasticizing capability. Improvements can often be achieved by making the following adjustments:

1. Increasing the back pressure
2. Reducing the screw speed
3. Raising the temperature in the middle zone of the barrel
4. Cooling the feed zone of the barrel to prevent premature melting of the the concentrate

THERMAL STABILITY

Omnicolor processing temperatures pertain to the colorant system only. The carrier system also has a thermal ceiling and is dependent on both time and temperature. Care should be used when processing Omnicolor where melt temperatures may exceed 600°F (316°C).

GENERAL INFORMATION ON OMNICOLOR CARRIER

The term 'multipurpose colorant' implies that the colorant carrier is compatible with most polymers. The carrier resin could cause performance problems in a few polymers. Therefore, Omnicolor should not be used in:

1. Cellulosic polymers
2. Transparent acrylic colors

PIGMENT COMPATIBILITY

The Omnicolor range has been formulated with high quality, heavy metal-free pigments that perform well in a wide range of polymers under most processing conditions.



MEDICAL, FOOD AND TOY REGULATIONS

Omnicolor colorants have limited EU food contact compliance, and are not suitable for FDA primary pharmaceutical packaging, cosmetic or medical applications. It is highly recommended to check with suppliers before using any Omnicolor masterbatch for food contact applications. Detailed statements relating to compliance with EU or US legislation and regulatory standards are available upon request.

PROCESS COMPATIBILITY

Omnicolor colorants can be used for injection molding, blow molding, and profile and sheet extrusion. They will withstand the drying temperatures of most polymers that require drying before processing, such as ABS and nylon. For polymer drying in excess of 225°F (107°C), add the colorant after the drying process, or alternatively contact Avient's technical staff for availability of high-temperature grades.



LIGHTFASTNESS

This is measured on the Blue Wool Scale (BWS) from a minimum of 1 to a maximum of 8. Omnicolor offers a broad spectrum of colors with lightfastness ratings to suit most applications. Omnicolor colorants do not contain UV stabilizers; outdoor applications must be reviewed on a case-by-case basis. Consult with the Avient technical department when colorant is required for a light-specific or light-critical application.

WEATHERABILITY

This refers to loss of color and outdoor exposure due to elemental action. Good lightfastness does not always indicate good weatherability. If weatherability is of prime importance, this should be specified.

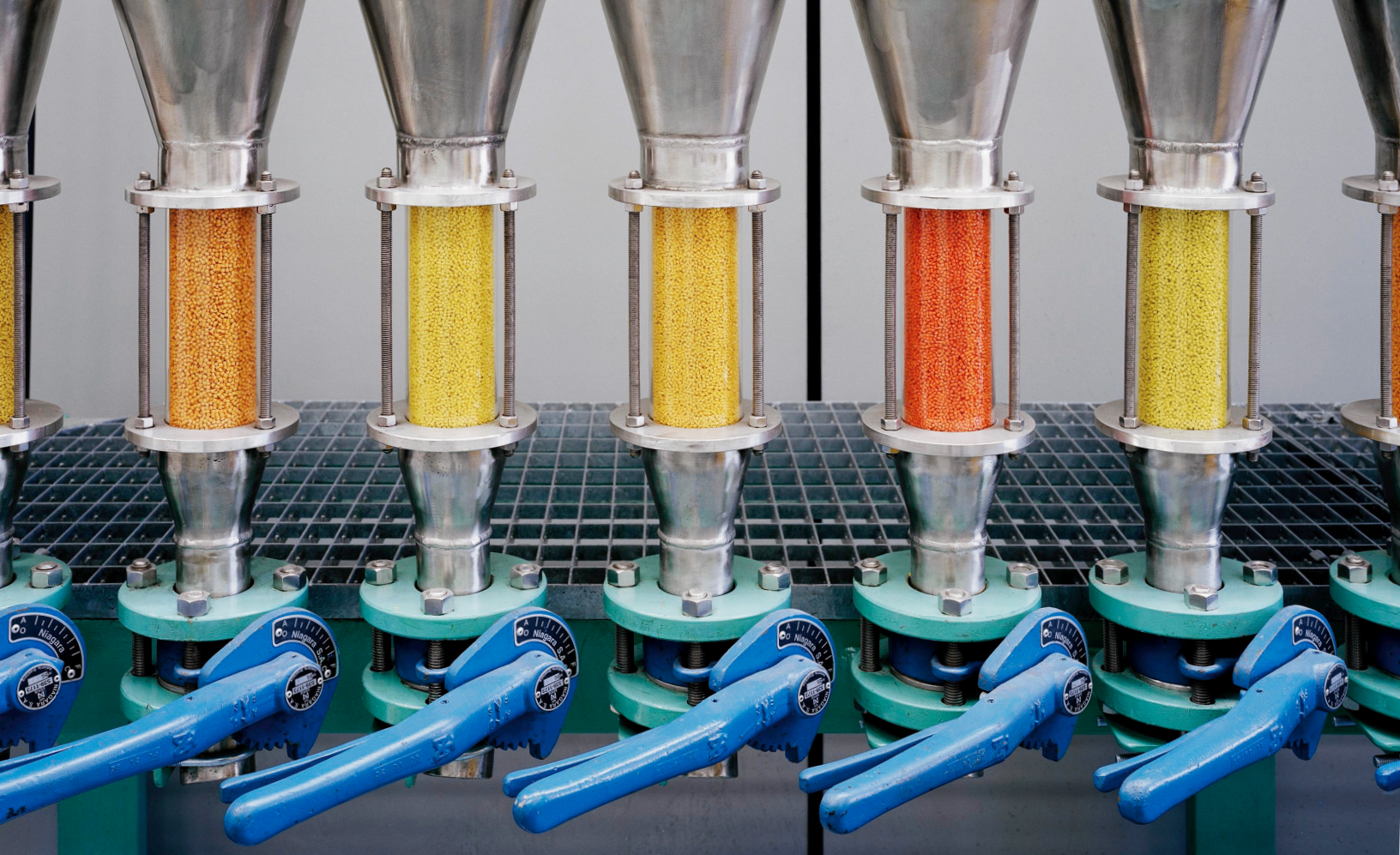
COLOR SHADE AND OPACITY

All pigments vary in color strength and opacity. The formulations used to create Omnicolor combine the high tinting strength of organic pigments with the opacity of inorganics. The hiding power of the formulations does differ, and should be tested in all opaque and filled polymers before starting production. Actual color may vary depending on specific resin and processing conditions.

FLAME RETARDANT POLYMERS

It is possible to use Omnicolor in flame retardant materials, but due to their high additive content only a limited range of colors such as gray or beige is possible. The addition of pigment and carrier could also affect the UL rating. Therefore, Omnicolor is not recommended for use in any UL applications.





OMNICOLOR™ ORDERING INFORMATION

In the US and UK, Omnicolor stock and standard colors are available with quick turnaround. Low minimum order quantities are consistently available for both stock and non-stock colors—contact your local Avient representative for details.

Free 3.5 oz. (100 gm) samples are available on request.

TWO WAYS TO CALCULATE COLORING COSTS

Calculate using Let Down Ratio:

$$\frac{\text{Cost/lb of Concentrate} - \text{Cost/lb of Resin}}{\text{Let Down Ratio} + 1} = \text{Coloring Cost}$$

Calculate using Let Down Percentage:

$$\text{Cost/lb of Concentrate} \times (\text{Let Down Percentage}/100) = \text{Coloring Cost}$$

OMNICOLOR™ TROUBLESHOOTING

| SYMPTOM | CAUSE | REMEDY |
|---|--|---|
| Color Variation Shot-to-Shot | Poor Omnicolor preblending Pigment has insufficient thermal stability | More thorough blending Ensure correct machine temperature control |
| Screw Slip | Premature melting of Omnicolor Excessive addition rate | Reduce heat in feed zone Check addition rate and reduce if necessary |
| Overall Good Distributive Mixing With Streaks or Dots of Another Color | Poor pigment dispersion in concentrate | Return concentrate for replacement |
| Black Streaks or Splotches | Degraded polymer in barrel | Clean screw and barrel |
| Poor Distributive Mixing (Streaking) | Insufficient plastification | See processing instructions |
| Loss of Color | Pigment has insufficient thermal stability | Change to more heat stable colorant Ensure correct machine temperature control |



OMNICOLOR™ PROCESSING TEMPERATURES

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|--------------|--------------|-------------------|--------|-----------|------|------|--------|------|-------|--------|
| OM0001 | OC0UFB | White | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0005 | OC0UFC | Bright White | 200+ | 260 | 260+ | 260 | 200+ | 300+ | NS | 300+ |
| OM0330 | OC0UFD | Polar White | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0332 | OC0SAD | Coconut | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1275 | OC0UFF | Magnolia | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1293 | OC0SAE | Vanilla | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1625 | OC1SAE | Sunflower Yellow | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM1637 | OC1SAF | Daffodil Yellow | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM1690 | OC1UFD | Citrus # | *200+ | NS | 260 | 250 | NS | 280+ | NS | 280+ |
| OM1693 | OC1UFE | Banana | *200+ | NS | 280+ | 280+ | NS | 280+ | NS | 280+ |
| OM1696 | OC1SAG | Jasmine | 200+ | 280 | 260 | 260 | 200+ | 280+ | NS | 280+ |
| OM1700 | OC1UFG | Canary Yellow | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM1702 | OC1SAH | Marigold # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM1704 | OC8SAF | Ivory | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1707 | OC8SAG | Cream | 200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM1751 | N/A | Sol Yellow | 200+ | 260 | 260 | 280 | 200+ | 250+ | NS | 280 |
| OM1753 | N/A | Sherbert Lemon | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM1831 | N/A | Linen | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | NS |
| OM1832 | N/A | Buttermilk | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM1834 | N/A | Chick | 200+ | 240 | 220 | NS | NS | NS | NS | NS |
| OM1839 | N/A | Custard | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM1845 | N/A | Yolk | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | NS |
| OM2239 | OC2UFB | Seville Orange | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM2243 | OC2SAE | Mandarin Orange | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM2250 | OC2SAF | Pumpkin | 200+ | 280 | 260 | 240 | 200+ | NS | NS | NS |
| OM2252 | OC2SAG | Nectarine # | *200+ | NS | 280+ | 280+ | NS | 300 | NS | 300 |
| OM2291 | N/A | Carrot | 200+ | 280 | 260 | 280 | 200+ | NS | NS | NS |
| OM3223 | OC3SAE | Strawberry Red | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3364 | OC3SAF | Rose Pink | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3513 | OC2SAH | Flesh Pink | **200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3788 | OC3SAH | Cherry Red | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3801 | OC3SAI | Pastel Pink | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3820 | OC3SAJ | Flame Red | *200 | NS | 280+ | 280+ | NS | 280+ | 280+ | 280+ |
| OM3849 | OC3SAK | Lobster Red | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3850 | OC3UFJ | Tomato Red | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM3853 | OC3SAL | Fuchsia | 200 | 260 | 200 | NS | NS | NS | NS | NS |
| OM3856 | OC3SAM | Admiral Red # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM3861 | OC3UFM | Cardinal Red | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM3864 | OC3SAN | Fire Engine Red # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM3872 | OC3SAP | Rocket Red | *200 | NS | 280+ | 280+ | 280+ | 280+ | NS | 280+ |
| OM3879 | OC3SAQ | Raspberry | 200 | 260 | 200 | NS | NS | NS | NS | NS |
| OM3947 | N/A | Brilliant Red | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM3951 | N/A | Poppy Red | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3955 | N/A | Valentine Red | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM3958 | N/A | Bubblegum Pink | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM33053 | N/A | Ruby | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM4043 | OC3SAR | Burgundy | 200 | 230 | 200 | NS | 200 | NS | NS | NS |
| OM4204 | OC4SAA | Mulberry | 200+ | 280 | 260 | 260 | 200 | 280 | NS | 280 |
| OM4219 | N/A | Cerise | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |

TEMPERATURE CONVERSION TABLE

| | | | | | | |
|----|-----|-----|-----|-----|-----|-----|
| °C | 200 | 220 | 240 | 260 | 280 | 300 |
| °F | 392 | 428 | 464 | 500 | 536 | 572 |

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|--------------|--------------|-----------------|---------|-----------|------|------|--------|------|-------|--------|
| OM5001 | OC5UFB | Sky Blue | 200+ | 260 | 260+ | 280 | 200+ | 280 | 280 | 280 |
| OM5009 | OC5SAD | Powder Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5011 | OC5UFD | Mid Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5027 | OC5UFF | Royal Blue | 200+ | 240 | 220 | NS | NS | NS | NS | NS |
| OM5034 | OC5SAF | Pale Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5065 | OC5SAG | Navy Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5179 | OC5UFI | Ultra Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM5485 | OC5UFJ | Pacific Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5982 | OC5SAI | Baby Blue | 200+ | 260+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55094 | OC4UFB | Purple | 200+ | 260 | 240 | 240 | 200+ | NS | NS | NS |
| OM55157 | OC5UFS | Ice Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55160 | OC5SAH | Midnight Blue # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM55162 | OC5UFM | Cornflower Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55302 | N/A | African Violet | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM55484 | N/A | Mistral | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55497 | N/A | Lavender | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55500 | N/A | Bluebell | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55502 | N/A | Lilac | 200+ | 240 | 240 | NS | 200+ | NS | NS | NS |
| OM6037 | N/A | Aqua | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM6969 | OC6UFL | Alpine Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM6985 | OC6SAK | Spearmint Green | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM6994 | OC6UFN | Leaf Green | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM66070 | OC6UFC | Fern Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66072 | OC6SAD | Springtime | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66075 | OC6SAE | Racing Green | 200+ | 280 | 260 | 260 | 200+ | 280+ | NS | 280+ |
| OM66083 | OC6SAF | Fresh Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66087 | OC6UFG | Sage Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66088 | OC5UFQ | Marine Blue | 200+ | 280 | 260 | 260 | 200 | 280 | NS | 280 |
| OM66099 | OC6SAG | Lime Green | *200+ | NS | 260 | 250 | NS | 280+ | NS | 280+ |
| OM66100 | OC6SAH | Olive Green | 200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM66159 | N/A | Pod Green | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM66161 | N/A | Ocean Green | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM66301 | N/A | Dewdrop | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280+ |
| OM66303 | N/A | Grass Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM66306 | N/A | Lettuce Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM66307 | N/A | Apple Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM7002 | OC7SAE | Light Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7020 | OC7UFD | Dark Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7021 | OC7SAF | Ash Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7053 | OC7UFF | Mid Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7378 | OC7UFG | Dove Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7759 | OC7UFJ | Soft Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7994 | OC9SAG | Graphite | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7996 | OC7SAH | Moonstone | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7999 | OC7UFN | Pebble | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77000 | OC7SAG | Cloud Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77007 | OC9SAE | Mink | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77013 | OC5SSA | Dusk | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300 |
| OM77140 | N/A | Putty | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 280 |

NOTES

* Suitable for use in all PVC except plasticized PVC

** Suitable for use in all PVC except tin stabilized PVC

+ Potential use at temperatures above those indicated

NS Not suitable for use in polymer indicated

Contains dyestuff which will migrate from PE/PP and all other polyolefins

OMNICOLOR™ PROCESSING TEMPERATURES

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|--------------|--------------|--------------------|---------|-----------|------|------|--------|------|-------|--------|
| OM77142 | N/A | Storm Grey | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300+ |
| OM77326 | N/A | Vapour | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77327 | N/A | Pigeon | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77330 | N/A | Shark | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM8004 | OC8SAH | Chocolate Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8005 | OC8SAI | Terracotta | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8018 | OC8SAJ | Light Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8021 | OC8SAK | Mushroom | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8029 | OC8SAL | Mid Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8142 | OC8UFK | Dark Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8332 | OC8ASM | Mahogany | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8399 | OC8SAN | Rosewood | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88721 | OC8SAP | Toffee | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88723 | OC8SAQ | Honey Beige | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88726 | OC8SAR | Chestnut Brown | **200+ | 280 | 260 | 260 | 200+ | 280+ | 280+ | 280+ |
| OM88729 | UN88729 | Beige | **200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM88820 | N/A | Fudge | **200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM88833 | N/A | Demerara | **200+ | 280 | 260 | 260 | 200+ | 250+ | NS | 280 |
| OM88942 | N/A | Sandstone | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0055 | OC9UFA | Deep Black | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0086 | OC9SAD | Ebony # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM0093 | N/A | Onyx | 200+ | 280 | 260+ | 260+ | 200+ | 260 | 280+ | 300+ |
| OM0174 | N/A | Pearl White | 200+ | 280+ | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM0448 | N/A | Satin Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM1830 | N/A | Straw Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM33051 | N/A | Shrimp Pink | 200+ | 280+ | 260+ | 260 | 200+ | NS | NS | NS |
| OM55483 | N/A | Azure Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55495 | N/A | Arctic Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM66297 | N/A | Mint Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0541 | OC8SAD | Gold | NS | 240 | 240 | 240 | 200+ | NS | NS | NS |
| OM0548 | OC8SAE | Aztec Gold # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM0567 | OCCSAD | Copper | NS | 240 | 240 | 240 | 200+ | NS | NS | NS |
| OM0574 | N/A | Summer Bronze | **200+ | 280 | 260+ | 260+ | 200+ | 265 | 280 | 300 |
| OM0701 | OC7UFA | Silver | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0739 | OC7SAD | Pewter | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1268 | OC1SAD | FL Yellow | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM2266 | N/A | FL Orange # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM3752 | OC3SAG | FL Pink # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM6941 | OC6SAJ | FL Green # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM1011TR | N/A | TR Yellow# | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM1833TR | N/A | TR Lime # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM1846TR | N/A | Yellow Edge Glow # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM2034TR | OC2SAD | TR Amber # | *200+ | NS | 260 | 280 | NS | 300 | NS | 300 |
| OM2294TR | N/A | Orange Edge Glow # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM3012TR | OC3SAD | TR Red # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM5016TR | OC5SAE | TR Blue # | *200+ | NS | 260+ | 260 | NS | 280 | NS | 280 |
| OM6881TR | OC6SAI | TR Green # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM7903TR | OC9SAF | TR Grey | *200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM33052TR | N/A | TR Claret # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM33055TR | N/A | Pink Edge Glow # | *200+ | NS | 260+ | 260+ | NS | NS | NS | 300 |

TEMPERATURE CONVERSION TABLE

| °C | 200 | 220 | 240 | 260 | 280 | 300 |
|----|-----|-----|-----|-----|-----|-----|
| °F | 392 | 428 | 464 | 500 | 536 | 572 |

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|--------------|--------------|----------------|--------|-----------|------|------|--------|------|-------|--------|
| OM55488TR | N/A | TR Amethyst # | *200+ | NS | 260+ | 260+ | NS | 265+ | NS | 300 |
| OM89050TR | N/A | TR Brown | NS | NS | 260+ | 280+ | NS | 265 | NS | 300 |
| OM0279HT | N/A | Diamond White | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0447HT | N/A | Cumulus | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM1739HT | N/A | Melon Yellow # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM1740HT | N/A | Pineapple # | *200+ | NS | NS | 260+ | NS | 265 | 300+ | 300+ |
| OM1829HT | N/A | Hornet # | *200+ | NS | NS | 260+ | NS | 265 | 300+ | 300+ |
| OM2264HT | N/A | Fresh Orange # | *200+ | NS | NS | NS | NS | 265 | 300+ | 300+ |
| OM3930HT | N/A | Deep Red # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM3940HT | N/A | Sunset # | *200+ | NS | NS | NS | NS | 265 | 300+ | 300+ |
| OM4217HT | N/A | Claret # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM33049HT | N/A | Lava # | *200+ | NS | NS | NS | NS | 265 | 300 | 300 |
| OM33050HT | N/A | Poinsettia # | *200+ | NS | NS | NS | NS | 265 | 300 | 300 |
| OM66148HT | N/A | Mid Green | 200+ | 280+ | 260+ | 260+ | 200+ | 265 | 300+ | 300+ |
| OM66294HT | N/A | Forest Green # | NS | NS | NS | NS | NS | 265 | 280+ | 300+ |
| OM66295HT | N/A | Astro # | *200+ | NS | 260+ | 280+ | NS | 265 | 280+ | 300+ |
| OM77323HT | N/A | Dolphin | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77324HT | N/A | Slate | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0038 | N/A | Value White | 200+ | 260+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0246 | N/A | Stone Effect | 200+ | 260 | 280 | 280+ | NS | 265 | 280 | 300 |
| OM0299 | N/A | Pearl | 200+ | 260+ | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM0589 | N/A | Metallic Sand | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 300 | 300 |
| OM0590 | N/A | Autumn Gold | 200+ | 280 | 260+ | 260 | 200+ | 255 | NS | NS |
| OM0592 | N/A | Tropical Pearl | 200+ | 260 | 260 | 260 | 200+ | 250 | NS | NS |
| OM0593 | N/A | Inca Gold | 200+ | 280 | 260+ | 280+ | 200+ | 250 | 280 | 280 |
| OM0797TR | N/A | Sparkle | 200+ | NS | 280 | 280 | 200 | 265 | 280 | 300 |
| OM1339 | N/A | Value Yellow | 200+ | 280 | 280 | 280+ | 200+ | 265 | 280 | 300 |
| OM5972 | N/A | Value Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM9074 | N/A | Odyssey | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 300 | 300 |
| OM33074 | N/A | Spanish Earth | 200+ | 280 | 260 | 260 | 200+ | 250 | NS | NS |
| OM33075 | N/A | Sunset Pearl | 200+ | 280 | 260 | 260 | 200+ | 250 | NS | NS |
| OM33100TR | N/A | Pink Sparkle | NS | NS | 260 | 260 | NS | NS | NS | NS |
| OM33111 | N/A | Value Red | 200+ | 240 | 220+ | NS | 200+ | NS | NS | NS |
| OM55559 | N/A | Soft Lilac | 200+ | 280 | 260 | 250 | 200+ | 265 | NS | 280 |
| OM55561 | N/A | Atlantic Pearl | 200+ | 280 | 260+ | 280 | 200+ | 265 | 280 | 280 |
| OM55563 | N/A | Midnight Satin | 200+ | 280 | 260+ | 280 | 200+ | 265 | 200 | 280 |
| OM55564 | N/A | Frost Bite | 200+ | 280 | 260 | 260 | 200+ | 265 | NS | 280 |
| OM55565 | N/A | Winter Wind | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM55566 | N/A | Mirage | 200+ | 280 | 260 | 260 | 200+ | 265 | NS | 280 |
| OM55567 | N/A | Purple Silk | 200+ | 260 | 250 | 250 | 200+ | NS | NS | NS |
| OM55666TR | N/A | Blue Sparkle | NS | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM55700TR | N/A | Violet Sparkle | NS | NS | 260 | 260 | NS | 265 | NS | 300 |
| OM66302 | N/A | Bottle Green | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | 300+ |
| OM66344 | N/A | Arctic Moss | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM66345 | N/A | Grape | 200+ | 280 | 260+ | 270 | 200+ | 260 | NS | 280 |
| OM66380 | N/A | Value Green | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77450 | N/A | Value Grey | **200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |

NOTES

* Suitable for use in all PVC except plasticized PVC

** Suitable for use in all PVC except tin stabilized PVC

+ Potential use at temperatures above those indicated



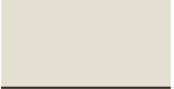
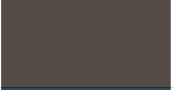





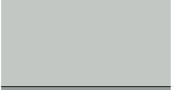

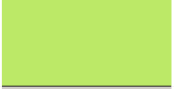

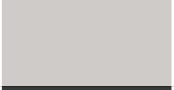
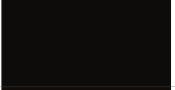

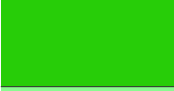
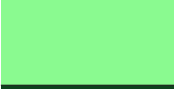
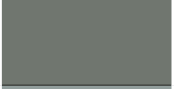
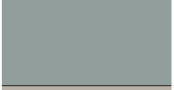


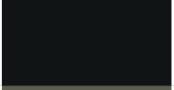



NS Not suitable for use in polymer indicated

Contains dyestuff which will migrate from PE/PP and all other polyolefins

OMNICOLOR™ COLOR CHART

Due to printing or monitor variations,
color shown may vary from actual
color. Samples are recommended.

| | | | |
|---|---|--|--|
| White UK OM0001 Stock US OC0UFB | Sherbert Lemon UK OM1753 US Not Available | Flame Red UK OM3820 Stock US OC3SAJ | Cerise UK OM4219 US Not Available |
| Bright White UK OM0005 Stock US OC0UFC | Linen UK OM1831 US Not Available | Lobster Red UK OM3849 Stock US OC3SAK | Sky Blue UK OM5001 Stock US OC5UFB |
| Polar White UK OM0330 Stock US OC0UFD | Buttermilk UK OM1832 US Not Available | Tomato Red UK OM3850 Stock US OC3UFJ | Powder Blue UK OM5009 Stock US OC5SAD |
| Coconut UK OM0332 Stock US OC0SAD | Chick UK OM1834 US Not Available | Fuchsia UK OM3853 US OC3SAL | Mid Blue UK OM5011 Stock US OC5UFD |
| Magnolia UK OM1275 Stock US OC0UFF | Custard UK OM1839 US Not Available | Admiral Red UK OM3856 US OC3SAM | Royal Blue UK OM5027 Stock US OC5UFF |
| Vanilla UK OM1293 Stock US OC0SAE | Yolk UK OM1845 US Not Available | Cardinal Red UK OM3861 Stock US OC3UFM | Pale Blue UK OM5034 Stock US OC5SAF |
| Sunflower Yellow UK OM1625 Stock US OC1SAE | Seville Orange UK OM2239 Stock US OC2UFB | Fire Engine Red UK OM3864 US OC3SAN | Navy Blue UK OM5065 US OC5SAG |
| Daffodil Yellow UK OM1637 Stock US OC1SAF | Mandarin Orange UK OM2243 US OC2SAE | Rocket Red UK OM3872 Stock US OC3SAP | Ultra Blue UK OM5179 Stock US OC5UFI |
| Citrus UK OM1690 Stock US OC1UFD | Pumpkin UK OM2250 Stock US OC2SAF | Raspberry UK OM3879 US OC3SAQ | Pacific Blue UK OM5485 Stock US OC5UFJ |
| Banana UK OM1693 Stock US OC1UFE | Nectarine UK OM2252 Stock US OC2SAG | Brilliant Red UK OM3947 Stock US Not Available | Baby Blue UK OM5982 US OC5SAI |
| Jasmine UK OM1696 US OC1SAG | Carrot UK OM2291 US Not Available | Poppy Red UK OM3951 US Not Available | Purple UK OM55094 Stock US OC4UFB |
| Canary Yellow UK OM1700 Stock US OC1UFG | Strawberry Red UK OM3223 Stock US OC3SAE | Valentine Red UK OM3955 US Not Available | Ice Blue UK OM55157 US OC5UFS |
| Marigold UK OM1702 US OC1SAH | Rose Pink UK OM3364 US OC3SAF | Bubblegum Pink UK OM3958 US Not Available | Midnight Blue UK OM55160 US OC5SAH |
| Ivory UK OM1704 Stock US OC8SAF | Flesh Pink UK OM3513 US OC2SAH | Ruby UK OM33053 US Not Available | Cornflower Blue UK OM55162 Stock US OC5UFM |
| Cream UK OM1707 US OC8SAG | Cherry Red UK OM3788 US OC3SAH | Burgundy UK OM4043 Stock US OC3SAR | |
| Sol Yellow UK OM1751 Stock US Not Available | Pastel Pink UK OM3801 US OC3SAI | Mulberry UK OM4204 Stock US OC4SAA | |

| | | | | | | | |
|---|--|---|---|---|--|---|--|
|  | African Violet UK OM55302 US Not Available |  | Olive Green UK OM66100 US OC6SAH |  | Cloud Grey UK OM77000 Stock US OC7SAG |  | Toffee UK OM88721 US OC8SAP |
|  | Mistral UK OM55484 US Not Available |  | Pod Green UK OM66159 US Not Available |  | Mink UK OM77007 US OC9SAE |  | Honey Beige UK OM88723 Stock US OC8SAQ |
|  | Lavender UK OM55497 Stock US Not Available |  | Ocean Green UK OM66161 US Not Available |  | Dusk UK OM77013 US OC5SAA |  | Chestnut Brown UK OM88726 US OC8SAR |
|  | Bluebell UK OM55500 US Not Available |  | Dewdrop UK OM66301 US Not Available |  | Putty UK OM77140 US Not Available |  | Beige UK OM88729 Stock US OC8SAS |
|  | Lilac UK OM55502 US Not Available |  | Grass Green UK OM66303 US Not Available |  | Storm Grey UK OM77142 Stock US Not Available |  | Fudge UK OM88820 US Not Available |
|  | Aqua UK OM6037 US Not Available |  | Lettuce Green UK OM66306 US Not Available |  | Vapour UK OM77326 US Not Available |  | Demerara UK OM88833 Stock US Not Available |
|  | Alpine Green UK OM6969 Stock US OC6UFL |  | Apple Green UK OM66307 US Not Available |  | Pigeon UK OM77327 US Not Available |  | Sandstone UK OM88942 US Not Available |
|  | Spearmint Green UK OM6985 Stock US OC6SAK |  | Light Grey UK OM7002 Stock US OC7SAE |  | Shark UK OM77330 US Not Available |  | Deep Black UK OM0055 Stock US OC9UFA |
|  | Leaf Green UK OM6994 Stock US OC6UFN |  | Dark Grey UK OM7020 Stock US OC7UFD |  | Chocolate Brown UK OM8004 Stock US OC8SAH |  | Ebony UK OM0086 US OC9SAD |
|  | Fern Green UK OM66070 Stock US OC6UFC |  | Ash Grey UK OM7021 Stock US OC7SAF |  | Terracotta UK OM8005 Stock US OC8SAI |  | Onyx UK OM0093 Stock US Not Available |
|  | Springtime UK OM66072 US OC6SAD |  | Mid Grey UK OM7053 Stock US OC7UFF |  | Light Brown UK OM8018 Stock US OC8SAJ | | |
|  | Racing Green UK OM66075 Stock US OC6SAE |  | Dove Grey UK OM7378 Stock US OC7UFG |  | Mushroom UK OM8021 US OC8SAK | | |
|  | Fresh Green UK OM66083 Stock US OC6SAF |  | Soft Grey UK OM7759 Stock US OC7UFJ |  | Mid Brown UK OM8029 Stock US OC8SAL | | |
|  | Sage Green UK OM66087 Stock US OC6UFG |  | Graphite UK OM7994 Stock US OC9SAG |  | Dark Brown UK OM8142 Stock US OC8UFK | | |
|  | Marine Blue UK OM66088 US OC5UFQ |  | Moonstone UK OM7996 US OC7SAH |  | Mahogany UK OM8332 Stock US OC8ASM | | |
|  | Lime Green UK OM66099 US OC6SAG |  | Pebble UK OM7999 US OC7UFN |  | Rosewood UK OM8399 US OC8SAN | | |

VALUE RANGE

US: Not Available

| | | | | | | | |
|--|---------------------------------------|---|--|---|---------------------------------------|---|---|
|  | Value White UK OM0038 Stock |  | Value Yellow UK OM1339 Stock |  | Atlantic Pearl UK OM55561 |  | Bottle Green UK OM66302 Stock |
|  | Stone Effect UK OM0246 |  | Value Blue UK OM5972 |  | Midnight Satin UK OM55563 |  | Arctic Moss UK OM66344 |
|  | Pearl UK OM0299 |  | Odyssey UK OM9074 Stock |  | Frost Bite UK OM55564 |  | Grape UK OM66345 |
|  | Metallic Sand UK OM0589 |  | Spanish Earth UK OM33074 |  | Winter Wind UK OM55565 |  | Value Green UK OM66380 Stock |
|  | Autumn Gold UK OM0590 |  | Sunset Pearl UK OM33075 |  | Mirage UK OM55566 |  | Value Grey UK OM77450 |
|  | Tropical Pearl UK OM0592 |  | Pink Sparkle UK OM33100TR |  | Purple Silk UK OM55567 | | |
|  | Inca Gold UK OM0593 Stock |  | Value Red UK OM33111 |  | Blue Sparkle UK OM55666TR | | |
|  | Sparkle UK OM0797TR |  | Soft Lilac UK OM55559 |  | Violet Sparkle UK OM55700TR | | |

PEARLESCENTS





US: Not Available

| | |
|--|-----------------------------------|
|  | Pearl White UK OM0174 |
|  | Satin Pearl UK OM0448 |
|  | Straw Pearl UK OM1830 |
|  | Shrimp Pink UK OM33051 |
|  | Azure Blue UK OM55483 |
|  | Arctic Pearl UK OM55495 |
|  | Mint Pearl UK OM66297 |

METALLICS




| | |
|---|--|
|  | Gold UK OM0541 US OC8SAD |
|  | Aztec Gold UK OM0548 Stock US OC8SAE |
|  | Copper UK OM0567 US OCCSAD |
|  | Summer Bronze UK OM0574 US Not Available |
|  | Silver UK OM0701 Stock US OC7UFA |
|  | Pewter UK OM0739 US OC7SAD |

FLUORESCENTS

| | |
|---|---|
|  | Fluorescent Yellow UK OM1268 US OC1SAD |
|  | Fluorescent Orange UK OM2266 US Not Available |
|  | Fluorescent Pink UK OM3752 US OC3SAG |
|  | Fluorescent Green UK OM6941 US OC6SAJ |

UN PLUS

US: Not Available

| | | | |
|---|---|---|---|
|  | Diamond White UK OM0279HT Stock |  | Claret UK OM4217HT |
|  | Cumulus UK OM0447HT |  | Lava UK OM33049HT |
|  | Melon Yellow UK OM1739HT Stock |  | Poinsettia UK OM33050HT |
|  | Pineapple UK OM1740HT |  | Mid Green UK OM66148HT Stock |
|  | Hornet UK OM1829HT Stock |  | Forest Green UK OM66294HT Stock |
|  | Fresh Orange UK OM2264HT Stock |  | Astro UK OM66295HT Stock |
|  | Deep Red UK OM3930HT Stock |  | Dolphin UK OM77323HT |
|  | Sunset UK OM3940HT Stock |  | Slate UK OM77324HT |

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