

FLAME RETARDANT + PROCESSABILITY

GLOBAL FRIDGE MANUFACTURER

REFRIGERATOR BASE

AVIENT SOLUTION

Maxxam™ FR Flame Retardant Formulations

WHY AVIENT?

- Expedited development time, providing solutions ready for testing within a week
- Enabled first time approval through close customer collaboration
- Provided excellent in person support to both customer and moulder throughout trials
- Gave technical advice on how to adjust processing parameters, enabling the use of existing molds with the new material

LEARN MORE

KEY REQUIREMENTS

- Provide 5VA flame retardant rating
- Utilize existing molds
- Keep the same mechanical and physical properties as current material
 - Dimensional stability – limit shrinkage of final part
 - High strength – bearing the weight of the whole fridge
 - Maintain or reduce weight