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

**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