

FLAME RETARDANCE

MAJOR W&C PRODUCER

CATEGORY CABLE

AVIENT SOLUTION

Maxxam™ FR Flame Retardant Polyolefin Formulations

WHY AVIENT?

- Satisfied stringent UL 444 requirements with an FEP alternative to achieve cost savings
- Mitigated regulatory concerns with comprehensive technical support during testing and commercialization
- Met required melt strength parameters for efficient profile extrusion

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KEY REQUIREMENTS

- Flame retardance
- Replace fluorinated ethylene propylene (FEP)
- High tensile strength and high elongation at break
- Low dielectric constant (Dk) of 2.7-2.9 for data signal integrity