



HIFILL[®] FR



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Cost-Effective Material Solutions for Use in Structural Components and Metal Replacement Opportunities Where Flammability Resistance and Conformance to UL 94 and Other FR Compliance Standards Are Required

Characteristics

Filled and reinforced thermoplastic compounds designed to deliver flammability resistance in combination with strength, modulus heat resistance, and creep resistance.

Benefits

- Flammability resistance
- Agency compliance
- Potential for molded in color

Typical Fillers

- Halogen & non halogenated FR additives
- Glass fibers
- Glass bead
- Various mineral systems

Applications

- Telecom: Connectors, enclosures/housings
- Business Equipment: Chassis' enclosures/housings
- Electrical Distribution & Control: Enclosures/housings

Techmer PM Flammability Testing Capabilities

Test Method	Output/Results
UL 94	V0, V1,V2, VTM-0, 1, 2 5VA and 5VB, HBF, HF-1, HF-2
NFPA 701 Method 1&2	Pass/Fail
ASTM E662	Smoke density
Limiting Oxygen Index	LOI
FMVSS302	Pass/Fail
FAR 25.853 (i) & (ii)	Pass/Fail