

Kelvinite IH10-MMM FRPP

Fire Retardant Polypropylene

- Description** Highland Kelvinite IH10-MMM is a halogenated flame retardant polypropylene (FRPP), which meets V0 UL94 at 0.017". It is suitable for a wide range of electrical and thermal insulation applications, including electronic power system equipment, switch and terminal insulation, air duct baffles, formed channels, ground insulation, chassis liners, insulating spacers, and capacitor insulation.
- Key Benefits**
- Extruded sheet or roll goods act as a fire retardant barrier.
 - Easy to process using die cutting, knife cutting, or kiss cutting.
 - Extruded material is available in a range of thicknesses from 0.012" to 0.250".
- Forms**
- Pelletized compound - 1,000 lb. container, 3' x 3' x 5'
 - Extruded sheet or rollstock

Appearance Black

Typical Properties	Property	Nominal	Method
	Tensile (MD)	3,966 psi	ASTM D882
	Tensile (TD)	3,496 psi	ASTM D882
	Elongation (MD)	278%	ASTM D882
	Elongation (TD)	61%	ASTM D882
	Flammability 0.017"	V0	UL 94
	Gardner Drop Impact Strength - Lvl 2	10/10 Pass	ASTM D5420

Please contact your Highland Sales Representative to request regulatory information and safety data sheet.

Disclaimer:

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Notes

Kelvinite fire-retardant polypropylenes are ideal for automotive and electrical applications and are backed by a robust domestic supply chain when available.

We offer halogenated and non-halogenated Kelvinite formulations to meet automotive flammability standards at low gauges.

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