

LithiumPrevent 200 is an intumescent thermoplastic composite that is fire resistant and electrically insulative.

Availability	Americas, Europe, Asia-Pacific
Features	Intumescent, Fire Resistant, Electrically Non-Conductive
Colour Availability*	Natural, White, Orange, Black
Forms	Pellets, Powder
Processing Method	Injection Molding, Extruding, Over Molding, Thermoforming

Physical Properties	Value	Unit	Test Standard
Density	1.54	g/cm ³	ASTM D792-20
Start Expansion Temperature	200	°C	INTERNAL

Mechanical Properties	Value	Unit	Test Standard
Tensile Stress	13.9	MPa	ASTM D638-10
Flexural Modulus	176	MPa	ASTM D790-10
Flexural Yield Stress	24.9	MPa	ASTM D790-10

Thermal Properties	Value	Unit	Test Standard
Thermal Conductivity	0.259	W/ (m*K)	ASTM E2585-09

Electrical Properties	Value	Unit	Test Standard
Comparative Tracking Index	CTI 398	-	ASTM D3638-21

Flammability Properties	Value	Unit	Test Standard
Vertical Burn - 2mm	V-0	-	UL 94 - Section 8

*most colorants most colorants can be added without affecting performance at the correct ratio. Speak with sales about colour availability