

S&E; Battery GPP1005M-EX8

Compounded Polypropylene

S&E; Specialty Polymers, LLC

Message:

Polypropylene compound designed with halogen-based flame retardant technology meeting the UL 94 V-2 rating. Available in a wide range of colors and not subject to additive bloom.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
	Low Blooming		
Uses	Batteries		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908 to 0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18 to 23	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 26.2	MPa	ASTM D638
Tensile Elongation (Break)	> 30	%	ASTM D638
Flexural Modulus	> 1620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 43	J/m	ASTM D256
Instrumented Dart Impact	> 14.9	J	ASTM D3763
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.10		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-2		UL 94
Oxygen Index	> 25	%	ASTM D2863

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Recommended distributors for this material

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