

S&E; Battery GPP1005M-EX10 Natural

Compounded Polypropylene

S&E; Specialty Polymers, LLC

Message:

UL94 V-2, Non-blooming flame-retardant polypropylene compound for injection molding.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Non-Blooming		
Uses	Batteries		
Appearance	Natural Color		
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)	5.0 to 9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 33.1	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	> 1620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 43	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.10		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.794 mm)	V-2		UL 94
Oxygen Index	> 25	%	ASTM D2863

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Recommended distributors for this material

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