

S&E; Battery GPP1001M-P-2986 Grey

Compounded Polypropylene

S&E; Specialty Polymers, LLC

Message:

High impact resistance, non-blooming flame retardant polypropylene compound for UL94-V0 injection molding applications.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Impact Resistance		
	Non-Blooming		
Uses	Batteries		
Appearance	Grey		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918 to 1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15 to 21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	> 25.5	MPa	
Break	> 10.3	MPa	
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	> 1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 64	J/m	ASTM D256
Gardner Impact ¹	> 16.3	J	ASTM D3029
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Oxygen Index	> 28	%	ASTM D2863
NOTE			
1.	Geometry GC		

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Recommended distributors for this material

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