

# S&E; Battery GPP1005M-EXLT 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		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938 to 0.958	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 to 16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 23.4	MPa	ASTM D638
Tensile Elongation (Break)	> 120	%	ASTM D638
Flexural Modulus	> 1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 110	J/m	ASTM D256
Gardner Impact (3.18 mm)	> 21.7	J	ASTM D3029
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-2		UL 94
Oxygen Index	> 24	%	ASTM D2863

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Recommended distributors for this material

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