

# S&E; Battery GPP1005HF Series

Compounded Polypropylene  
S&E; Specialty Polymers, LLC

Message:  
UL94 V-2, Flame-retardant polypropylene compounds for injection molding applications.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Footwear		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908 to 0.948	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20 to 30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 24.1	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	> 1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 11	J/m	ASTM D256
Instrumented Dart Impact	> 2.71	J	ASTM D3763
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.794 mm)	V-2		UL 94
Oxygen Index	> 27	%	ASTM D2863

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