

# S&E; Battery GPP1001V0M-HCO

Compounded Polypropylene

S&E; Specialty Polymers, LLC

Message:

A polypropylene compound designed for injection molded industrial battery, electrical housing or appliance applications. It affords medium impact resistance with a high level of flame retardancy. Available in a wide spectrum of colors.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Medium Impact Resistance		
Uses	Appliances		
	Batteries		
	Electrical Housing		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958 to 0.998	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0 to 7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 18.6	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus - Tangent	> 1210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 40	J/m	ASTM D256
Instrumented Dart Impact	> 20.3	J	ASTM D3763
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Oxygen Index	> 28	%	ASTM D2863

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

