

S&E; Battery GPP6025

Compounded Polypropylene

S&E; Specialty Polymers, LLC

Message:

Specially engineered, low bloom, low specific gravity, flame retardant polypropylene compound designed with halogen based technology. Exhibits a unique balance of high flexural modulus and high impact. It is designed for use in injection molded industrial power supply systems and to meet their stringent criterion. The superior balance of flow, allows the material to maintain excellent aesthetics over long flow lengths. Available in a wide spectrum of colors.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
	High Impact Resistance		
	Low Blooming		
	Low Density		
Uses	Batteries		
	Industrial Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27 to 1.31	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16 to 20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 17.2	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus	> 1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact	> 8.13	J	ASTM D3763
Flammability	Nominal Value	Test Method	
Flame Rating (1.59 mm)	V-0	UL 94	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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

