S&E; Battery GR-1409

Polyvinyl Chloride

S&E; Specialty Polymers, LLC

Message:

High flow, high impact rigid PVC based compound. It is suitable for injection molding of the large parts.

General Information			
Features	High Flow High Impact Resistance		
Uses	Batteries		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.27 to 1.33	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	7.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	> 41.4	MPa	ASTM D638
Flexural Modulus	> 2760	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.18 mm)	> 690	J/m	ASTM D256
Drop Impact Resistance (23°C, 3.18 mm)	> 89.0	J/cm	ASTM D4226
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.59 mm)	V-0		UL 94

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


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