

# 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/cm <sup>3</sup>	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

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