

AcryliMax 301HP

Acrylonitrile Butadiene Styrene

S&E; Specialty Polymers, LLC

Message:

Heat resistant flame retardant ABS battery molding compound.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Heat Resistance		
Uses	Batteries		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17 to 1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	6.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 42.1	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	> 2550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 80	J/m	ASTM D256
Gardner Impact ¹	> 2.71	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 36.7	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-0		UL 94
NOTE			
1.	Geometry GC		

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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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