

S&E Specialty Polymers AcryliMax 301HP ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Heat Resistant, Molded , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

Material Notes:

Application: Heat resistant flame retardant ABS battery molding compound. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-AcryliMax-301HP-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 - 1.21 g/cc	1.17 - 1.21 g/cc	ASTM D792-91
Melt Flow	6.0 - 10 g/10 min	6.0 - 10 g/10 min	ASTM D1238-95

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 42.1 MPa	>= 6100 psi	ASTM D638-97
Elongation at Break	>= 10 %	>= 10 %	ASTM D638-97
Flexural Modulus	>= 2.55 GPa	>= 370 ksi	ASTM D790-97
Izod Impact, Notched	>= 0.801 J/cm	>= 1.50 ft-lb/in	ASTM D256-97
Gardner Impact	>= 2.71 J	>= 2.00 ft-lb	ASTM D5420-96

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	>= 98.0 °C	>= 208 °F	ASTM D648-97
Flammability Test	5.0	5.0	
	@Thickness 3.17 mm	@Thickness 0.125 in	

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