

Aclo Accuguard Polypropylene HP0369V2CSL Homopolymer Flame Retardant Copper Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accuguard-Polypropylene-HP0369V2CSL-Homopolymer-Flame-Retardant-Copper-Stabilized.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	MD; ASTM D955
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength at Break	25.0 MPa	3630 psi	ASTM D638
Tensile Strength, Yield	39.0 MPa	5660 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Tensile Modulus	1.60 GPa	232 ksi	ASTM D638
Flexural Strength	47.0 MPa	6820 psi	ASTM D790
Flexural Modulus	1.700 GPa	246.5 ksi	ASTM D790
Izod Impact, Notched	0.448 J/cm	0.840 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	
Flammability, UL94	V-2 @Thickness 1.59 mm	V-2 @Thickness 0.0625 in	UL File #E99379(N)

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