

Aclo Accuguard Polypropylene HP1362V2CSL 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-HP1362V2CSL-Homopolymer-Flame-Retardant-Copper-Stabilized.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	200 MPa	29000 psi	ASTM D638
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Tensile Modulus	1.20 GPa	174 ksi	ASTM D638
Flexural Strength	42.0 MPa	6090 psi	ASTM D790
Flexural Modulus	1.40 GPa	203 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	
UL RTI, Electrical	110 °C	230 °F	
UL RTI, Mechanical with Impact	110 °C	230 °F	
UL RTI, Mechanical without Impact	110 °C	230 °F	
Flammability, UL94	V-2 @Thickness 1.59 mm	V-2 @Thickness 0.0625 in	UL File #E99379

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