

Aclo Accuguard Polypropylene CP1467V2CSL Copolymer 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-CP1467V2CSL-Copolymer-Flame-Retardant-Copper-Stabilized.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	200 MPa	29000 psi	ASTM D638
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Tensile Modulus	1.100 GPa	159.5 ksi	ASTM D638
Flexural Strength	33.0 MPa	4790 psi	ASTM D790
Flexural Modulus	1.20 GPa	174 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.8 °C	172 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	47.8 °C	118 °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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