

Aclo Accuguard Polypropylene CP0467V0CSL 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-CP0467V0CSL-Copolymer-Flame-Retardant-Copper-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	MD; ASTM D955
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	70	70	ASTM D785
Tensile Strength at Break	15.0 MPa	2180 psi	ASTM D638
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	2.299 GPa	333.5 ksi	ASTM D638
Flexural Strength	39.0 MPa	5660 psi	ASTM D790
Flexural Modulus	2.299 GPa	333.5 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	101 °C	214 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	
Flammability, UL94	V-0 @Thickness 1.59 mm	V-0 @Thickness 0.0625 in	UL File #E99379(N)

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