

Aclo Accuguard ABS ABS860V0L Flame Retardant

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accuguard-ABS-ABS860V0L-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	MD; ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength at Break	27.0 MPa	3920 psi	ASTM D638
Tensile Strength, Yield	41.0 MPa	5950 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	1.700 GPa	246.5 ksi	ASTM D638
Flexural Strength	57.0 MPa	8270 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	3.58 J/cm	6.70 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.2 °C	171 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	66.1 °C	151 °F	
Flammability, UL94	5VA	5VA	1/16 UL File #E56070, Rating of 5VA with 1/10 FSA File #LS66844
	5VA	5VA	Rating of 5VA with 1/10 FSA File #LS66844

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