

Aclo Accutech ABS ABS834G10L Glass Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 10% Glass Fiber Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-ABS-ABS834G10L-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	MD; ASTM D955
Melt Flow	0.30 g/10 min	0.30 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength at Break	35.0 MPa	5080 psi	ASTM D638
Tensile Strength, Yield	42.0 MPa	6090 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.499 GPa	362.5 ksi	ASTM D638
Flexural Strength	68.0 MPa	9860 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched	1.17 J/cm	2.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	86.1 °C	187 °F	

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