

Aclo Accutech ABS ABS833G10L 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-ABS833G10L-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	MD; ASTM D955
Melt Flow	1.4 g/10 min	1.4 g/10 min	ASTM D1238
Ash	10 %	10 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength at Break	63.0 MPa	9140 psi	ASTM D638
Tensile Strength, Yield	63.0 MPa	9140 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Tensile Modulus	3.00 GPa	435 ksi	ASTM D638
Flexural Strength	95.01 MPa	13780 psi	ASTM D790
Flexural Modulus	3.900 GPa	565.6 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.8 °C	208 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	87.2 °C	189 °F	

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