

Aclo Accutech SAN SAN930G40L Glass Reinforced

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded, Glass Reinforced

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-SAN-SAN930G40L-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	MD; ASTM D955
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength at Break	95.01 MPa	13780 psi	ASTM D638
Tensile Strength, Yield	95.01 MPa	13780 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Tensile Modulus	6.8989 GPa	1000.6 ksi	ASTM D638
Flexural Strength	133.0 MPa	19290 psi	ASTM D790
Flexural Modulus	12.498 GPa	1812.7 ksi	ASTM D790
Izod Impact, Notched	0.459 J/cm	0.860 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	102 °C	216 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	97.8 °C	208 °F	

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