

Aclo Accutech SAN SAN930G30L 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-SAN930G30L-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 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	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	6.399 GPa	928.1 ksi	ASTM D638
Flexural Strength	132.0 MPa	19140 psi	ASTM D790
Flexural Modulus	9.9981 GPa	1450.1 ksi	ASTM D790
Izod Impact, Notched	0.448 J/cm	0.840 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)	97.2 °C	207 °F	

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