

Aclo Accucomp SAN SAN900L

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-SAN-SAN900L.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	MD; ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	124	124	ASTM D785
Tensile Strength at Break	68.0 MPa	9860 psi	ASTM D638
Tensile Strength, Yield	68.0 MPa	9860 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.899 GPa	420.5 ksi	ASTM D638
Flexural Strength	107.0 MPa	15520 psi	ASTM D790
Flexural Modulus	4.100 GPa	594.6 ksi	ASTM D790
Izod Impact, Notched	0.101 J/cm	0.190 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.1 °C	196 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	78.9 °C	174 °F	

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