

Ineos ABS Lustran® SAN GF20 Glass Fiber 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_ineos-ABS-Lustran-SAN-GF20-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ISO 1183
Linear Mold Shrinkage, Transverse	0.0025 - 0.0035 cm/cm	0.0025 - 0.0035 in/in	Test Condition: 150x105x3; acc. ISO 2577
Melt Flow	6.5 g/10 min @Load 10.0 kg, Temperature 220 °C	6.5 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.7 %	1.7 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	8.00 GPa	1160 ksi	1 mm/min; ISO 527-1,-2
Flexural Strength	162 MPa	23500 psi	2 mm/min; ISO 178
Flexural Modulus	7.50 GPa	1090 ksi	2 mm/min; ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	107 °C	225 °F	ISO 75-1,-2
Vicat Softening Point	108 °C @Load 5.10 kg	226 °F @Load 11.2 lb	50 °C/hour; ISO 306
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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