

Ineos ABS Lustran® SAN C Injection Molding Grade

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-SAN-C-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ISO 1183
Linear Mold Shrinkage, Transverse	0.0030 - 0.0040 cm/cm	0.0030 - 0.0040 in/in	Test Condition: 150x105x3; acc. ISO 2577
Melt Flow	23 g/10 min @Load 10.0 kg, Temperature 220 °C	23 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Elongation at Break	3.2 %	3.2 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	3.70 GPa	537 ksi	1 mm/min; ISO 527-1,-2
Flexural Strength	111 MPa	16100 psi	2 mm/min; ISO 178
Flexural Modulus	3.80 GPa	551 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	2.00 kJ/m ²	0.952 ft-lb/in ²	ISO 180-1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	103 °C	217 °F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	101 °C	214 °F	ISO 75-1,-2
Vicat Softening Point	104 °C @Load 5.10 kg	219 °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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