

Tisan TISSAN® UNR Styrene Acrylonitrile

Category : Polymer , Thermoplastic , SAN Polymer

Material Notes:

Properties:Natural or ColoredGlass fiber and glass beadMineral filledFlame retardantGood thermal and chemical resistanceExcellent transparencyExcellent mechanical propertiesDimensional stabilityEasy to processReasonable priceApplications:Little household equipmentsOffice equipmentsDashing componentsAutomotive instrument partsCalculator parts

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tisan-TISSAN-UNR-Styrene-Acrylonitrile.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81	81	ISO 868
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527-2
Elongation at Yield	30 %	30 %	ISO 527
Flexural Strength	280 MPa	40600 psi	ISO 178
Izod Impact, Notched (ISO)	60.0 kJ/m ²	28.6 ft-lb/in ²	ISO 180/A

Thermal Properties	Metric	English	Comments
Melting Point	<= 118 °C	<= 244 °F	
Vicat Softening Point	103.6 °C	218.5 °F	ISO 306
Heat Distortion Temperature	95.41 °C	203.7 °F	ISO 75 A/B
Flammability, UL94	HB	HB	

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