

Tisan TISSAN® Flame Retardant (V0) Styrene Acrylonitrile

Category : Polymer , Thermoplastic , SAN Polymer

Material Notes:

Properties: Natural or Colored Glass fiber and glass bead Mineral filled Flame retardant Good thermal and chemical resistance Excellent transparency Excellent mechanical properties Dimensional stability Easy to process Reasonable price Applications: Little household equipments Office equipments Dashing components Automotive instrument parts Calculator parts

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tisan-TISSAN-Flame-Retardant-V0-Styrene-Acrylonitrile.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ISO 868
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527-2
Elongation at Yield	25 %	25 %	ISO 527
Flexural Strength	280 MPa	40600 psi	ISO 178
Izod Impact, Notched (ISO)	55.0 kJ/m ²	26.2 ft-lb/in ²	ISO 180/A

Thermal Properties	Metric	English	Comments
Melting Point	116 - 118 °C	241 - 244 °F	
Vicat Softening Point	105 °C	221 °F	ISO 306
Heat Distortion Temperature	96.0 °C	205 °F	ISO 75 A/B
Flammability, UL94	V-0	V-0	

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