

I. Stern N2560 General Purpose Crystal Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Transparent Grade

Material Notes:

Features:Excellent ClarityExcellent Process PropertiesHigh Heat MoldingApplicationsMedical PartsDomestic AppliancesAgency

RatingsFDA Title 21 CFR 177.1640UL File E220962Information provided by I. Stern & Co. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_I-Stern-N2560-General-Purpose-Crystal-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	3.8 g/10 min	3.8 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Strength	75.2 MPa	10900 psi	ASTM D790
Flexural Modulus	3.25 GPa	471 ksi	ASTM D790
Izod Impact, Notched	0.406 J/cm	0.760 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	91.1 Å°C	196 Å°F	ASTM D648
Vicat Softening Point	91.1 Å°C	196 Å°F	ASTM D1525
Flammability, UL94	HB	HB	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	HB	HB	
	@Thickness 3.00 mm	@Thickness 0.118 in	

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