

I. Stern N2560

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene N2560 - General Purpose Crystal Polystyrene

- Features
- Excellent Clarity
- Excellent Process Properties
- High Heat Molding
- Applications
- Medical Parts
- Domestic appliances

General Information			
Features	Crystal		
	General Purpose		
	Good Moldability		
	Good Processability		
	High Clarity		
Uses	Appliance Components		
	General Purpose		
	Medical/Healthcare Applications		
Agency Ratings		FDA 21 CFR 177.1640	
UL File Number		E220962	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	3.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	3250	MPa	ASTM D790
Flexural Strength (Yield)	75.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	41	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	91.1	°C	ASTM D648
Vicat Softening Temperature	91.1	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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