

I. Stern N2380

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

- Polystyrene N2380- High Heat Crystal Polystyrene
- Features
- High Molecular Weight
- Excellent Optical Properties
- Applications
- OPS
- Foamed Trays
- Thick Walled Injection Molding

General Information			
Features	Crystal		
	High Heat Resistance		
	High Molecular Weight		
Uses	Optical Applications		
	Support Trays		
Agency Ratings	FDA 21 CFR 177.1640		
UL File Number	E220962		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	49.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	3140	MPa	ASTM D790
Flexural Strength (Yield)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	86.1	°C	ISO 75-2/A
Vicat Softening Temperature	101	°C	ISO 306
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

