

I. Stern N1841

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene N1841 - General Purpose Crystal Polystyrene

- Features
- Excellent Process Properties
- Easy Flow
- Applications
- Displays
- Toys, Cosmetics

General Information			
Features	Crystal		
	General Purpose		
	Good Flow		
	Good Processability		
Uses	Cosmetics		
	Displays		
	General Purpose		
	Toys		
Agency Ratings		FDA 21 CFR 177.1640	
UL File Number		E220962	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.0	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Flexural Modulus	3140	MPa	ASTM D790
Flexural Strength (Yield)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648
Vicat Softening Temperature	86.1	°C	ASTM D1525
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

