

I. Stern PS 13WC

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene PS 13WC - 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)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.1	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength (Yield)	57.9	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.2	°C	ASTM D648
Vicat Softening Temperature	96.7	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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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



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