

En Chuan 330

General Purpose Polystyrene
En Chuan Chemical Industries Co., Ltd.

Message:

En Chuan 330 is a General Purpose Polystyrene product. It can be processed by injection molding and is available in Asia Pacific. Applications of En Chuan 330 include consumer goods and lighting applications. Primary characteristic: heat resistant.

General Information			
Features	High Heat Resistance		
Uses	Consumer Applications		
	Lighting Applications		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.18 mm)	42.2	MPa	ASTM D638
Tensile Elongation ² (Break, 3.18 mm)	2.0	%	ASTM D638
Flexural Modulus ³ (6.35 mm)	3040	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 6.35 mm)	62.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	5.6	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ⁵ (1.8 MPa, Unannealed, 6.35 mm)	80.0	°C	ASTM D648
Vicat Softening Temperature ⁶	95.0	°C	ASTM D1525 ⁷
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		
3.	2.8 mm/min		
4.	2.8 mm/min		
5.	2.0°C/min		
6.	.125"		
7.	Rate A (50°C/h)		

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

