

En Chuan 336T

General Purpose Polystyrene

En Chuan Chemical Industries Co., Ltd.

Message:

En Chuan 336T is a General Purpose Polystyrene product. It can be processed by compounding and is available in Asia Pacific. Typical application: Additive/Masterbatch.

General Information			
Uses	Compounding		
Processing Method	Compounding		
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)	22	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 0.125 mm)	28.4	MPa	ASTM D638
Tensile Elongation ² (Break, 3.18 mm)	2.0	%	ASTM D638
Flexural Modulus ³ (6.35 mm)	2750	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 6.35 mm)	46.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	11	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ⁵ (1.8 MPa, Unannealed, 6.35 mm)	63.0	°C	ASTM D648
Vicat Softening Temperature ⁶	80.0	°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)		

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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

