

Osterlene® HIPS2.63.6

High Impact Polystyrene

Osterman & Company

Message:

HIPS2.63.6 is a super high impact polystyrene designed specifically for sheet extrusion and thermoforming.

General Information			
Features	Impact resistance, high		
Agency Ratings	FDA 21 CFR 177.1640		
Processing Method	Extrusion		
	Thermoforming		

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.6	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2210	MPa	ASTM D638
Tensile Strength ² (Yield)	28.3	MPa	ASTM D638
Flexural Modulus ³ (50.8mm span)	2130	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 50.8 mm Span)	42.1	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed, 3.18 mm)	90.6	°C	ASTM D648
Vicat Softening Temperature	92.2	°C	ASTM D1525

NOTE	
1.	51 mm/min
2.	Type 1, 51mm/min
3.	1.3 mm/min
4.	1.3 mm/min

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



WECHAT