

Ineos Styrenics Polystyrene 168M0 (NAFTA)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Heat Resistant Grade

Material Notes:

High heat, high molecular weight general purpose polystyrene with low residual volatiles. It is ideally suited for use in critical low taste, low odor food packaging products. Information provided by BASF. Ineos Styrenics purchased this product line from BASF in 2005.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-Styrenics-Polystyrene-168M0-NAFTA.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Linear Mold Shrinkage	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ASTM D955
Melt Flow	1.5 g/10 min @Load 5.00 kg, Temperature 200 Â°C	1.5 g/10 min @Load 11.0 lb, Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	78	78	ASTM D785
Tensile Strength, Ultimate	52.0 MPa	7540 psi	
Elongation at Break	3.0 %	3.0 %	
Tensile Modulus	2.55 GPa	370 ksi	
Flexural Modulus	3.31 GPa	480 ksi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	94.0 Â°C	201 Â°F	
Vicat Softening Point	109 Â°C	228 Â°F	
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 240 Â°C	410 - 464 Â°F	Extrusion

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China