

Styrolution PS-168MO Polystyrene

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

Material Notes:

Description: Polystyrene 168MO is a high heat, high molecular weight general purpose polystyrene with low residual volatiles, excellent clarity and high melt strength. These properties makes it an excellent choice for biaxially oriented sheet applications that require high clarity, and no taste or odor transfer. Application: Include extruded foam sheet, and other food packaging products where low taste and odor are critical. Information provided by STYROLUTION, which is a joint venture between BASF and INEOS

Order this product through the following link:

http://www.lookpolymers.com/polymer_Styrolution-PS-168MO-Polystyrene.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage, Flow	0.01143 cm/cm	0.01143 in/in	ASTM D955
Melt Flow	1.5 g/10 min	1.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	78	78	ASTM D785
Tensile Strength at Break	52.0 MPa	7540 psi	ASTM D638
Flexural Modulus	3.31 GPa	480 ksi	ASTM D790
Izod Impact, Notched	0.160 J/cm	0.300 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	94.0 Â°C	201 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Commercial Status	North America	

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