

M. Holland Company GS230 Polystyrene, General Purpose

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

Material Notes:

High heat resistance Good processability High strength Applications: Bottles Business equipment Medical applications Packaging

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-GS230-Polystyrene-General-Purpose.php

Physical Properties	Metric	English	Comments
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.3 MPa	7000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	ASTM D638
Flexural Modulus	3.10 GPa	450 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)	93.9 Â°C	201 Â°F	Unannealed; ASTM D648
Vicat Softening Point	109 Â°C	228 Â°F	ASTM D1525

Descriptive Properties	Value	Comments
Forms	Pellets	
Processing Methods	Extrusion, injection molding	

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