

M. Holland Company GS230WC Polystyrene, Specialty

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Transparent Grade

Material Notes:

High clarityCrystallineHigh heat resistanceGood mold releaseApplications: BottlesLabwareVials

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-GS230WC-Polystyrene-Specialty.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	23/23Â°C; ASTM D792
Melt Flow	3.0 g/10 min @Load 5.00 kg, Temperature 200 Â°C	3.0 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.8 MPa	7800 psi	ASTM D638
Tensile Modulus	3.17 GPa	460 ksi	ASTM D638
Flexural Modulus	3.10 GPa	450 ksi	ASTM D790
Izod Impact, Notched	0.214 J/cm	0.400 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	106 Â°C	222 Â°F	ASTM D1525

Descriptive Properties	Value	Comments
Forms	Pellets	
Processing Methods	Injection molding	

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