

M. Holland Company GS410WC Polystyrene (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Features: High Clarity, High Flow Uses: Household Goods, Labware Approvals: FDA 21 CFR 177.1640 Processing Method: Injection Molding Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-GS410WC-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 200 °C	12 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Elongation at Break	2.0 %	2.0 %	Type I, 2 in/min; ASTM D638
Flexural Modulus	3.07 GPa	445 ksi	at 0.05 in/min; ASTM D790
Izod Impact, Notched	0.214 J/cm	0.400 ft-lb/in	at 73°F, 0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	82.8 °C	181 °F	Unannealed; ASTM D648
Vicat Softening Point	95.6 °C	204 °F	ASTM D1525

Descriptive Properties	Value	Comments
Form	Pellets	

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