

MTEGRITY™ PS General Purpose GS218

General Purpose Polystyrene

M. Holland Company

Message:

MTEGRITY™ PS General Purpose GS218 is a General Purpose Polystyrene product. It is available in North America. Typical application: Bottles.

Characteristics include:

Crystalline

Heat Resistant

High Stiffness

General Information			
Features	Crystalline		
	High Heat Resistance		
	High Stiffness		
Uses	Bottles		
	Vials		
Appearance	Clear - Blue Tint		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength	51.7	MPa	ASTM D638
Flexural Modulus	3310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	16	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.9	°C	ASTM D648
Vicat Softening Temperature	109	°C	ASTM D1525

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