

MTEGRITY™ PS General Purpose GS230WC

Specialty Polystyrene

M. Holland Company

Message:

MTEGRITY™ PS General Purpose GS230WC is a Specialty Polystyrene product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY™ PS General Purpose GS230WC include bottles and medical/healthcare.

Characteristics include:

- Clarity
- Crystalline
- Good Mold Release
- Heat Resistant

General Information			
Features	Crystalline		
	Good Mold Release		
	High Clarity		
	High Heat Resistance		
Uses	Bottles		
	Labware		
	Vials		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3170	MPa	ASTM D638
Tensile Strength	53.8	MPa	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	106	°C	ASTM D1525

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