

MTEGRITY™ PS General Purpose GS230

General Purpose Polystyrene

M. Holland Company

Message:

MTEGRITY™ PS General Purpose GS230 is a General Purpose Polystyrene product. It can be processed by extrusion or injection molding and is available in North America. Applications of MTEGRITY™ PS General Purpose GS230 include bottles, business/office goods, medical/healthcare and packaging.

Characteristics include:

Good Processability

Heat Resistant

High Strength

General Information	
Features	Good Processability High Heat Resistance High Strength
Uses	Bottles Business Equipment Medical/Healthcare Applications Packaging
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2410	MPa	ASTM D638
Tensile Strength (Break)	48.3	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	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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