

MTEGRITY™ HDPE HD250

High Density Polyethylene

M. Holland Company

Message:

MTEGRITY™ HDPE HD250 is a High Density Polyethylene product. It can be processed by injection molding and is available in North America. Typical application: Trays/Racks.
Characteristics include:
Good Stiffness
Impact Resistant

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
Uses	Support Trays		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.947	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	122	°C	ASTM D1525

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