

MTEGRITY™ HDPE HD800

High Density Polyethylene

M. Holland Company

Message:

High Density Polyethylene

Excellent Processability

Excellent Balance of Impact & Stiffness

Good Cold Temperature Impact

Food Containers

Lids

General Information			
Features	High density Workability, good Low temperature impact resistance		
Uses	Cover Food container		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus - 3% Secant	1000	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746

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