

MTEGRITY™ HDPE HD500

High Density Polyethylene Copolymer

M. Holland Company

Message:

MTEGRITY™ HDPE HD500 is a High Density Polyethylene Copolymer product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY™ HDPE HD500 include caps/lids/closures, containers, automotive, bottles and household applications.

Characteristics include:

Copolymer

Good Processability

Good Stiffness

High ESCR (Stress Crack Resistant)

Impact Resistant

General Information			
Features	Copolymer Good Impact Resistance Good Processability Good Stiffness High ESCR (Stress Crack Resist.) Warp Resistant		
Uses	Automotive Applications Bottles Caps Closures Household Goods Industrial Containers Pails		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Tensile Elongation (Break)	230	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ASTM D1525

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Recommended distributors for this material

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