

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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

