

# MTEGRITY™ HDPE HD400

High Density Polyethylene Copolymer

M. Holland Company

Message:

MTEGRITY™ HDPE HD400 is a High Density Polyethylene Copolymer product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY™ HDPE HD400 include caps/lids/closures and consumer goods. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
	Medium Flow		
Uses	Closures		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	850	%	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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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



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