

Osterlene® HD1064

High Density Polyethylene

Osterman & Company

Message:

HD1064 has superior stiffness and low warpage.

This resin has exceptional processability which translates into shorter cycle times and energy savings.

Osterlene HD1064 meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.

General Information			
Features	Low warpage		
	Rigidity, high		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.964	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	27.0	MPa	ASTM D638
Fracture	20.0	MPa	ASTM D638
Tensile Elongation ²			ASTM D638
Yield	8.0	%	ASTM D638
Fracture	1300	%	ASTM D638
Flexural Modulus - 1% Secant	128	MPa	ASTM D790
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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Recommended distributors for this material

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