

HI-ZEX™ 3300F

High Density Polyethylene
Prime Polymer Co., Ltd.

Message:

HI-ZEX™ 3300F is a High Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Applications of HI-ZEX™ 3300F include film and packaging. Primary characteristic: good stiffness.

General Information			
Features	Good Stiffness		
Uses	Film		
	Packaging		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	30.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	800	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	21.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	> 500	%	ISO 527-2
Flexural Modulus (Injection Molded)	800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ISO 306
Melting Temperature	132	°C	ISO 11357-3

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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



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