

ULTZEX™ 3021F

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

ULTZEX™ 3021F is a Linear Low Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Packaging.
Characteristics include:
Clarity
Good Sealability
Good Stiffness

General Information			
Features	Good Heat Seal		
	Good Stiffness		
	High Clarity		
Uses	Packaging		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.2	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	59		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	12.0	MPa	
Break, Injection Molded	21.0	MPa	
Tensile Strain (Break, Injection Molded)	450	%	ISO 527-2
Flexural Modulus (Injection Molded)	320	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	112	°C	ISO 306
Melting Temperature	123	°C	ISO 11357-3

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