

ULTZEX™ 4020L

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

ULTZEX™ 4020L is a Linear Low Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Applications of ULTZEX™ 4020L include coating applications and film.

Characteristics include:

Good Sealability

Good Stiffness

Heat Resistant

General Information			
Features	Good Heat Seal		
	Good Stiffness		
	High Heat Resistance		
Uses	Film		
	Laminates		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	> 200	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	16.0	MPa	
Break, Injection Molded	> 26.0	MPa	
Tensile Strain (Break, Injection Molded)	> 500	%	ISO 527-2
Flexural Modulus (Injection Molded)	530	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (Injection Molded)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	115	°C	ISO 306
Melting Temperature	126	°C	ISO 11357-3

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