

# ULTZEX™ 4050

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

## Message:

ULTZEX™ 4050 is a Linear Low Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America.

Characteristics include:

Good Stiffness

Heat Resistant

General Information			
Features	Good Stiffness		
	High Heat Resistance		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	> 100	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	58		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield, Injection Molded	15.0	MPa	
Break, Injection Molded	25.0	MPa	
Tensile Strain (Break, Injection Molded)	> 500	%	ISO 527-2
Flexural Modulus (Injection Molded)	520	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	115	°C	ISO 306
Melting Temperature	125	°C	ISO 11357-3

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