

# ULTZEX™ 1520L

Linear Low Density Polyethylene  
Prime Polymer Co., Ltd.

Message:

ULTZEX™ 1520L 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™ 1520L include coating applications and film. Primary characteristic: good sealability.

General Information			
Features	Good Heat Seal		
	Low Temperature Heat Sealability		
Uses	Film		
	Laminates		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	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)	54		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	18.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	430	%	ISO 527-2
Flexural Modulus (Injection Molded)	150	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	98.0	°C	ISO 306
Melting Temperature	115	°C	ISO 11357-3

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