

ULTZEX™ 15150J

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

ULTZEX™ 15150J is a Linear Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ULTZEX™ 15150J include caps/lids/closures, consumer goods and containers. Primary characteristic: high escr (stress crack resistant).

General Information			
Features	High ESCR (Stress Crack Resist.)		
	Soft		
Uses	Caps		
	Consumer Applications		
	Containers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	70.0	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			ISO 527-2
Yield, Injection Molded	9.00	MPa	
Break, Injection Molded	19.0	MPa	
Tensile Strain (Break, Injection Molded)	> 500	%	ISO 527-2
Flexural Modulus (Injection Molded)	160	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	92.0	°C	ISO 306
Melting Temperature	115	°C	ISO 11357-3

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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

