

Lutene® LB7500

Low Density Polyethylene

LG Chem Ltd.

Message:

LUTENE LB7500 is mainly intended for extrusion coating and can be processed uniform thickness and width. LUTENE LB7500 is also noted for the excellent heat stability and has good silicone coating processibility. LB7500 has a good adhesion strength with paper and paper board and excellent neck-in characteristic. LUTENE LB7500 contains no additives.

General Information

Features	Additive Free Good Adhesion Good Processability Low Neck-In
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Uses	Coating Applications Laminates Packaging
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Processing Method	Extrusion Coating Laminating
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Physical	Nominal Value	Unit	Test Method
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Density	0.918	g/cm ³	ASTM D1505
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Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
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Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore D, Compression Molded)	43		ASTM D2240
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength			ASTM D638
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Yield, Compression Molded	8.83	MPa	
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Break, Compression Molded	11.3	MPa	
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Tensile Elongation (Break, Compression Molded)	550	%	ASTM D638
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Flexural Modulus (Compression Molded)	196	MPa	ASTM D790
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Films	Nominal Value	Unit	Test Method
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Water Vapor Permeability ¹ (25°C)	0.00196	MPa	ASTM D393
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Thermal	Nominal Value	Unit	Test Method
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Melting Temperature	107	°C	DSC
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NOTE

1.	1 atm		
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Recommended distributors for this material

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

