

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

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