

LG Chemical LUTENE LB7500 LDPE Extrusion Coating

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Extrusion Grade

Material Notes:

Description: LUTENE LB7500 is mainly intended for extrusion coating and can be processed at high speed uniform thickness and width.

LUTENE LB7500 is also noted for the excellent adhesion to porous and non porous substrates such as paper, nylon, OPP, PET and aluminum and has good heat seal strength and hot-tack strength. LUTENE LB7500 contains on additives. Main Application: Flexible package(tie layer or sealant layer of laminating film) Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LUTENE-LB7500-LDPE-Extrusion-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ASTM D1505
Water Vapor Transmission	20.0 g/mÂ²/day @Pressure 0.101 MPa	1.29 g/100 inÂ²/day @Pressure 14.7 psi	ASTM D393
Melt Flow	7.5 g/10 min @Load 2.61 kg, Temperature 190 Â°C	7.5 g/10 min @Load 5.75 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	43	43	ASTM D2240
Tensile Strength at Break	11.5 MPa	1670 psi	200mm/min; ASTM D638
Tensile Strength, Yield	8.83 MPa	1280 psi	200 mm/min; ASTM D638
Elongation at Break	550 %	550 %	200 mm/min; ASTM D638
Flexural Modulus	0.196 GPa	28.4 ksi	200mm/min; ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	107 Â°C	225 Â°F	10Â°C/min; DSC

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