

LG Chemical LUTENE FB0800 LDPE Blown Film

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

Material Notes:

Description: LUTENE FB0800 is mainly intended for the extrusion of blown film with high mechanical property for the manufacture of greenhouse film. LUTENE FB0800 have the excellent mechanical properties and optical properties make suitable for manufacture of greenhouse films. (LUTENE FB0800 contains slip agent and Main Application: Greenhouse, tunnel film, film CAS No. 9002-88-4 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LUTENE-FB0800-LDPE-Blown-Film.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.921 g/cc	0.921 g/cc	ASTM D1505
Water Vapor Transmission	12.0 g/m ² /day	0.773 g/100 in ² /day	
Oxygen Transmission Rate	2000 cc/m ² /day	129 cc/100 in ² /day	
Nitrogen Transmission	3500 cc-mm/m ² -24hr-atm	8890 cc-mil/100 in ² -24hr-atm	
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 190 Â°C	0.80 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	550 %	550 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
Elmendorf Tear Strength MD	280 g	280 g	ASTM D1922
Elmendorf Tear Strength TD	350 g	350 g	ASTM D1922
Dart Drop Test	230 g	0.507 lb	ASTM D1709
Film Tensile Strength at Break, MD	21.7 MPa	3150 psi	ASTM D882
Film Tensile Strength at Break, TD	20.7 MPa	3000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	110 Â°C	230 Â°F	DSC
Vicat Softening Point	94.0 Â°C	201 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	8.0 %	8.0 %	ASTM D1003

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 200 Â°C	338 - 392 Â°F	
Blow-up Ratio (BUR)	1.5 - 2.0	1.5 - 2.0	

Descriptive Properties	Value	Comments
Slip Coefficient	0.15	ASMT D1894

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China