

Iran Petrochemical (PCC) LF0190 Low Density Polyethylene

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

Material Notes:

LF01090 is a high molecular weight low density polyethylene film grade combining good flexible extrusion behavior and superior mechanical properties. Application: general pupose film and for amination. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-LF0190-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ISO 1183
Melt Flow	1.9 g/10 min @Load 2.16 kg, Temperature 190 Â°C	1.9 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.0 MPa	1600 psi	ISO 527
Film Tensile Strength at Yield, TD	11.0 MPa	1600 psi	ISO 527
Elongation at Break	100 %	100 %	ISO 527, MD
	500 %	500 %	ISO 527, TD
Modulus of Elasticity	0.190 GPa	27.6 ksi	MD; ISO 527
Tensile Impact	200 J/cm	375 ft-lb/in	ASTM D4272
Coefficient of Friction	1.0	1.0	ASTM D1894
Tear Strength	25.0 kN/m	143 pli	TD; ISO 6383-2
	70.0 kN/m	399 pli	MD; ISO 6383-2

Optical Properties	Metric	English	Comments
Haze	12 %	12 %	ASTM D1003A
Gloss	53 %	53 %	ASTM D2457

Descriptive Properties	Value	Comments
Clarity, mV	26	Sabtec

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