

Iran Petrochemical (PCC) 12XF6 Linear Low Density Polyethylene

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

Material Notes:

12XF6 is a high performance LLDPE (HP-LLDPE) blown film grade for high film strength applications. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-12XF6-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.912 g/cc	0.0329 lb/in ³	ASTM D1505
Melt Flow	0.60 g/10 min @Load 2.16 kg, Temperature 190 °C	0.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.5 MPa	1670 psi	ASTM D882
Film Tensile Strength at Yield, TD	11.2 MPa	1620 psi	ASTM D882
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	760 %	760 %	ASTM D882
2% Secant Modulus	0.170 GPa	24.7 ksi	MD; ASTM D882
	0.185 GPa	26.8 ksi	TD; ASTM D882
Elmendorf Tear Strength MD	220 g	220 g	ASTM D1922
Elmendorf Tear Strength TD	420 g	420 g	ASTM D1922
Dart Drop Test	175 g	0.386 lb	ASTM D1709
Film Tensile Strength at Break, MD	43.0 MPa	6240 psi	ASTM D882
Film Tensile Strength at Break, TD	35.0 MPa	5080 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	42 %	42 %	ASTM D1003
Gloss	35 %	35 %	ASTM D2457

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