

Chevron Phillips MarFlex® 7114 Polyethylene; LLDPE

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

Hexene linear low density polyethylene. This LLDPE is tailored for applications that require: Good stiffness at thin gauges
Good drawdown
Excellent processability
Can use straight or in blends with LDPE or HDPE
Applications: Typical blown and cast film applications
include: Stretch wrap
Overwrap
Coextrusions
Information provided by Phillips

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-7114-Polyethylene-LLDPE.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D-1505
Melt Index of Compound	1.4 g/10 min @Load 2.16 kg, Temperature 190 °C	1.4 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D-1238
Antiblock Level	0.00 ppm	0.00 ppm	
Slip Level	0.00 ppm	0.00 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	470 %	470 %	Cast Film at 1 mil; ASTM D-882
Film Elongation at Break, TD	700 %	700 %	Cast Film at 1 mil; ASTM D-882
Coefficient of Friction	1.0	1.0	Cast Film at 1 mil; ASTM D-1894
Elmendorf Tear Strength, MD	19.7 g/micron	500 g/mil	Cast Film at 1 mil; ASTM D-1922
Elmendorf Tear Strength, TD	22.8 g/micron	580 g/mil	Cast Film at 1 mil; ASTM D-1922
Dart Drop	5.51 g/micron	140 g/mil	Cast Film at 1 mil; ASTM D-1709
Film Tensile Strength at Break, MD	51.0 MPa	7400 psi	Cast Film at 1 mil; ASTM D-882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	Cast Film at 1 mil; ASTM D-882
1% Secant Modulus, MD	179 MPa	26000 psi	Cast Film at 1 mil; ASTM D-882
1% Secant Modulus, TD	179 MPa	26000 psi	Cast Film at 1 mil; ASTM D-882

Optical Properties	Metric	English	Comments
Haze	3.0 %	3.0 %	Cast Film at 1 mil; ASTM D-1003
Gloss	140 %	140 %	60°, Cast Film at 1 mil; ASTM D-2457

Descriptive Properties	Value	Comments
Process Aid	None	

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