

Chevron Phillips MarFlex® HHM TR-258 Low Density Linear Polyethylene, Blown Film

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

Material Notes:

This LLDPE is tailored for applications that require: Good processability, Good melt strength, Good drawdown, Good strength, Satin finish, Good MD & TD shrinkage, Good contact clarity and lower gel content. Typical blown film applications include: Pallet shrink, Heavy duty bags, Consumer and institutional shrink film, General purpose packaging. This grade does not contain process aid, slip or antiblock. Information provided by Chevron Phillips Chemical Company LP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-HHM-TR-258-Low-Density-Linear-Polyethylene-Blown-Film.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.923 g/cc	0.923 g/cc	ASTM D1505
Melt Flow	0.20 g/10 min	0.20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	380 %	380 %	2.5 BUR; ASTM D882
	460 %	460 %	4 BUR; ASTM D882
Film Elongation at Break, TD	650 %	650 %	4 BUR; ASTM D882
	800 %	800 %	2.5 BUR; ASTM D882
Coefficient of Friction	0.35	0.35	2.5 BUR; ASTM D1894
	0.35	0.35	4 BUR; ASTM D1894
Elmendorf Tear Strength, MD	0.472 g/micron	12.0 g/mil	2.5 BUR; ASTM D1922
	1.18 g/micron	30.0 g/mil	4 BUR; ASTM D1922
Elmendorf Tear Strength, TD	15.7 g/micron	400 g/mil	4 BUR; ASTM D1922
	37.2 g/micron	945 g/mil	2.5 BUR; ASTM D1922
Dart Drop	1.81 g/micron	46.0 g/mil	2.5 BUR; ASTM D1709
	5.51 g/micron	140 g/mil	4 BUR; ASTM D1709
Film Tensile Strength at Break, MD	61.0 MPa	8850 psi	4 BUR; ASTM D882
	72.0 MPa	10400 psi	2.5 BUR; ASTM D882

Film Tensile Strength at Break, TD Mechanical Properties	30.0 MPa Metric	4350 psi English	2.5 BUR; ASTM D882 Comments
	46.0 MPa	6670 psi	4 BUR; ASTM D882
1% Secant Modulus, MD	365 MPa	52900 psi	2.5 BUR; ASTM D882
	365 MPa	52900 psi	4 BUR; ASTM D882
1% Secant Modulus, TD	400 MPa	58000 psi	4 BUR; ASTM D882
	500 MPa	72500 psi	2.5 BUR; ASTM D882

Optical Properties	Metric	English	Comments
Haze	33 %	33 %	2.5 BUR; ASTM D1003
	36 %	36 %	4 BUR; ASTM D1003
Gloss	40 %	40 %	at 60°, 4 BUR; ASTM D2457
	46 %	46 %	at 60°, 2.5 BUR; 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