

Chevron Phillips Marlex® K203 LLDPE Sheet Extrusion

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

Material Notes:

Resin Type: Hexene Copolymer
 Characteristics: Outstanding ESCR
 Broad fusion range
 Excellent melt strength
 Good processability
 Excellent flexibility
 Improved output and texturing
 Applications: Coextruded cap layers for HDPE
 Blends with HDPE
 Landfill covers and caps
 Masterbatch projects
 Round and flat die projects
 Information provided by Chevron Phillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-K203-LLDPE-Sheet-Extrusion.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	ASTM D1505
ESCR 100% Igepal®	>= 1500 hour	>= 1500 hour	Condition C; ASTM D1693
ESCR 10% Igepal®	>= 1500 hour	>= 1500 hour	Condition B; ASTM D1693
Melt Flow	15 g/10 min	15 g/10 min	Condition 190/21.6, HLMI; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength, Yield	12.0 MPa	1740 psi	2 in/min, Type IV bar; ASTM D638
Elongation at Break	750 %	750 %	2 in/min, Type IV bar; ASTM D638
Flexural Modulus	0.480 GPa	69.6 ksi	Tangent, 16:1 span:depth, 0.5in/min; ASTM D790
Tensile Impact Strength	800 kJ/m ²	381 ft-lb/in ²	Type S bar; ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	51.0 °C	124 °F	Method A; ASTM D648
Vicat Softening Point	104 °C	219 °F	Loading 1, Rate A; ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A clamp, type 1 specimen; ASTM D746

Descriptive Properties	Value	Comments
SP-NCTL	Min 1000	Single-point notched constant tensile load

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