

Polimeri Europa Flexirene® FH 56 A Butene Copolymer Linear Low Density Polyethylene

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

Material Notes:

Flexirene FH 56 A is a butene copolymer with medium density (C4-LLDPE), with antioxidants and processing aid, suitable for blown film extrusion. Films manufactured with Flexirene FH 56 A are characterized by a good rigidity and an optimum processability. Main

Applications: Flexirene FH 56 A is recommended for the production of general purpose film in blend or in coextrusion with LDPE. It is also used for the production of nets because of its perfect balance between rigidity and processability. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Flexirene-FH-56-A-Butene-Copolymer-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.934 g/cc	0.934 g/cc	ISO 1183
Thickness	15.0 - 50.0 microns	0.591 - 1.97 mil	Recommended
Melt Flow	1.4 g/10 min @Load 2.16 kg, Temperature 190 °C	1.4 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	16.0 MPa	2320 psi	ISO 527-3
Film Tensile Strength at Yield, TD	18.0 MPa	2610 psi	ISO 527-3
Film Elongation at Break, MD	650 %	650 %	ISO 527-3
Film Elongation at Break, TD	800 %	800 %	ISO 527-3
Coefficient of Friction, Dynamic	>= 0.50	>= 0.50	ISO 8295
Elmendorf Tear Strength, MD	0.7133 g/micron	18.12 g/mil	ISO 6383-2
Elmendorf Tear Strength, TD	6.114 g/micron	155.3 g/mil	ISO 6383-2
Dart Drop Test	55.0 g	0.121 lb	F50; ISO 7765-1
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ISO 527-3
Film Tensile Strength at Break, TD	32.0 MPa	4640 psi	ISO 527-3
1% Secant Modulus, MD	390 MPa	56600 psi	ISO 527-3
1% Secant Modulus, TD	450 MPa	65300 psi	ISO 527-3

Thermal Properties	Metric	English	Comments
--------------------	--------	---------	----------

Thermal Properties	Metric	English	Comments
Vicat Softening Point	117 °C	243 °F	ISO 306/A
	@Load 1.00 kg	@Load 2.20 lb	
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746

Optical Properties	Metric	English	Comments
Haze	14 %	14 %	ISO 14782
Gloss	50 %	50 %	45°; 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