

Westlake Hifor SC74560-F Clear Polyethylene (discontinued **)

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

Material Notes:

Hifor Clear Polyethylene SC74560-F polymer is a high strength and high clarity polyethylene designed for blown film extrusion that contains medium slip and medium antiblock additives. Films produced using this resin exhibit good toughness, with excellent gloss and clarity for a product of this density. SC74560-F is well suited for packaging frozen goods, fruits and vegetables and baked goods. List of Applications: Bakery film, Frozen food packaging, Produce bags. Information supplied by the manufacturer. Information from manufacturer data sheet. Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Hifor-SC74560-F-Clear-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D4883
Thickness	25.0 microns	0.984 mil	
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	12.0 MPa	1740 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.0 MPa	1450 psi	ASTM D882
Film Elongation at Break, MD	650 %	650 %	ASTM D882
Film Elongation at Break, TD	900 %	900 %	ASTM D882
Secant Modulus, MD	0.234 GPa	33.9 ksi	1% Secant; ASTM D882
Secant Modulus, TD	0.276 GPa	40.0 ksi	1% Secant; ASTM D882
Elmendorf Tear Strength MD	200 g	200 g	
Elmendorf Tear Strength TD	600 g	600 g	
Elmendorf Tear Strength, MD	8.00 g/micron	203 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	24.0 g/micron	610 g/mil	ASTM D1922
Dart Drop	6.40 g/micron	163 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	41.0 MPa	5950 psi	ASTM D882
Film Tensile Strength at Break, TD			ASTM D882

Mechanical Properties	28.0 MPa Metric	4060 psi English	Comments
Heat Seal Strength Initiation Temperature	102 °C	216 °F	200 g/in seal strength is achieved

Optical Properties	Metric	English	Comments
Haze	7.5 %	7.5 %	ASTM D1003
Gloss	70 %	70 %	at 45°; ASTM D2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Process	Film	

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