

Eastman 1925F Polyethylene Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Polyethylene 1925F is a low density formulation with medium slip and medium antiblock. It is suggested for film applications that require heat-sealing treated-to-treated film surfaces and where good clarity is important. Common applications include bread bags, fresh produce bags, and converter film requiring printability. An additive in this formulation limits the use of 1925F to nonalcoholic foods, and the average thickness of such polymers in the form in which they contact food shall not exceed 0.0050 inch. Users must make their own determination of its safety, lawfulness, and technical suitability in their intended applications. Applications/Uses Bread bags Produce bags 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_Eastman-1925F-Polyethylene-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Base Resin Density	0.921 g/cc	0.0333 lb/in ³	ASTM D4883
Water Vapor Transmission	18.6 g/m ² /day	1.20 g/100 in ² /day	ASTM F372
Oxygen Transmission	200 cc-mm/m ² -24hr-atm	508 cc-mil/100 in ² -24hr-atm	ASTM D3985
Thickness	31.75 microns	1.250 mil	
Base Resin Melt Index	2.5 g/10 min	2.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	26.0 MPa	3770 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.0 MPa	1450 psi	ASTM D882
Film Elongation at Break, MD	250 %	250 %	ASTM D882
Film Elongation at Break, TD	750 %	750 %	ASTM D882
Secant Modulus, MD	0.186 GPa	27.0 ksi	0.01; ASTM D882
Secant Modulus, TD	0.220 GPa	31.9 ksi	0.01; ASTM D882
Coefficient of Friction	0.12	0.12	ASTM D1894
Elmendorf Tear Strength, MD	12.59 g/micron	319.8 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	4.41 g/micron	112 g/mil	ASTM D1922
Dart Drop	3.15 g/micron	80.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	26.0 MPa	3770 psi	ASTM D882

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, TD	19.0 MPa	2750 psi	ASTM D382

Thermal Properties	Metric	English	Comments
Vicat Softening Point	94.0 °C	201 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	5.5 %	5.5 %	ASTM D1003
Gloss	75 %	75 %	at 45°; ASTM D2457
Transmission, Visible	95 %	95 %	Transparency; ASTM D1746

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