

Honeywell ACLAR® CX 130E Heat Sealable PCTFE Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Fluoropolymer , Polychlorotrifluoroethylene (PCTFE); Molded

Material Notes:

Description: ACLAR® CX 130E is a heat sealable PCTFE film with outstanding clarity. It is used where applications require moisture protection. Information provided by Honeywell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-ACLAR-CX-130E-Heat-Sealable-PCTFE-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D1505
Density	1.22 g/cc	0.0440 lb/in ³	Yield Density
Water Vapor Transmission	0.0780 g/m ² /day	0.00502 g/100 in ² /day	77°F (25°C) / 60%RH; ASTM F1249
	0.155 g/m ² /day	0.00998 g/100 in ² /day	86°F (30°C) / 60%RH; ASTM F1249
	0.510 g/m ² /day	0.0328 g/100 in ² /day	104°F (40°C) / 75%RH; ASTM F1249
	0.780 g/m ² /day	0.0502 g/100 in ² /day	100°F (37.8°C) / 100%RH; ASTM F1249
Oxygen Transmission Rate	202 - 233 cc/m ² /day	13.0 - 15.0 cc/100 in ² /day	25°C / 0%RH; ASTM D3985
Thickness	33.0 microns	1.30 mil	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	17.9 - 20.0 MPa	2600 - 2900 psi	ASTM D882
Film Tensile Strength at Yield, TD	17.9 - 20.0 MPa	2600 - 2900 psi	ASTM D882
Film Elongation at Break, MD	75 - 100 %	75 - 100 %	ASTM D882
Film Elongation at Break, TD	225 - 325 %	225 - 325 %	ASTM D882
Film Elongation at Yield, MD	7.0 - 9.0 %	7.0 - 9.0 %	ASTM D882
Film Elongation at Yield, TD	7.0 - 9.0 %	7.0 - 9.0 %	ASTM D882
Secant Modulus, MD	0.448 - 0.586 GPa	65.0 - 85.0 ksi	ASTM D882
Secant Modulus, TD	0.448 - 0.586 GPa	65.0 - 85.0 ksi	ASTM D882
Falling Dart Impact	0.813 - 1.08 J	0.600 - 0.800 ft-lb	ASTM D4272
Coefficient of Friction	0.40 - 0.60	0.40 - 0.60	Aclar® to metal; ASTM D1894
Coefficient of Friction, Static	0.60 - 0.80	0.60 - 0.80	Aclar® to metal; ASTM D1894

Mechanical Properties	Metric	English	Comments
Tear Strength Test	350 - 375	350 - 375	MD, grams/mil; ASTM D1684
	350 - 375	350 - 375	graves tear TD, grams/mil; ASTM D1004
Film Tensile Strength at Break, MD	26.2 - 31.7 MPa	3800 - 4600 psi	ASTM D882
Film Tensile Strength at Break, TD	17.9 - 20.0 MPa	2600 - 2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 - 3.0 %	2.0 - 3.0 %	ASTM D1003
Gloss	130 - 140 %	130 - 140 %	at 20°; ASTM D523

Descriptive Properties	Value	Comments
Interlayer Bond Strength	min 450 g/in	ASTM F904
Puncture Strength	250-300 g	ASTM F1309

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