

Honeywell ACLAR® 33C (0.75 mil) Copolymer Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Fluoropolymer

Material Notes:

Description: ACLAR® 33C is a copolymer film consisting primarily of chlorotrifluoroethylene (CTFE). 33C is used for military and industrial packaging applications. Information provided by Honeywell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-ACLAR-33C-075-mil-Copolymer-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.12 g/cc	2.12 g/cc	ASTM D1505
Density	2.10 g/cc	0.0760 lb/in ³	Yield Density
Water Vapor Transmission	0.420 g/m ² /day	0.0270 g/100 in ² /day	100°F (37.8°C) / 100%RH; ASTM F1249
Thickness	19.0 microns	0.750 mil	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	50 - 150 %	50 - 150 %	ASTM D882
Film Elongation at Break, TD	50 - 150 %	50 - 150 %	ASTM D882
Secant Modulus, MD	1.517 - 1.793 GPa	220.0 - 260.1 ksi	ASTM D882
Secant Modulus, TD	1.31 - 1.586 GPa	190 - 230.0 ksi	ASTM D882
Tear Strength Test	350 - 400	350 - 400	graves tear TD, grams/mil; ASTM D1004
	400 - 450	400 - 450	graves tear MD, grams/mil; ASTM D1004
Film Tensile Strength at Break, MD	75.8 - 89.6 MPa	11000 - 13000 psi	ASTM D882
Film Tensile Strength at Break, TD	20.7 - 34.5 MPa	3000 - 5000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	206 °C	403 °F	crystalline melting point; ASTM D4591
Shrinkage, MD	<= 2.5 %	<= 2.5 %	300°F / 149°C - 10 min.; ASTM D1204
Shrinkage, TD	<= 2.5 %	<= 2.5 %	300°F / 149°C - 10 min.; ASTM D1204

Optical Properties	Metric	English	Comments
Haze	<= 1.0 %	<= 1.0 %	ASTM D1003

Optical Properties	Metric	English	Comments
--------------------	--------	---------	----------

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