

Dow Primacor® 1430 Ethylene Acrylic Acid (EAA)

Category : Polymer , Film , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Film properties below based on a film thickness of 60 µm. Data provided by Dow Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Primacor-1430-Ethylene-Acrylic-Acid-EAA.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	
Thickness	60.0 microns	2.36 mil	
Melt Flow	5.0 g/10 min	5.0 g/10 min	
	@Load 2.16 kg	@Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	20.7 MPa	3000 psi	Molded property
Film Tensile Strength at Yield, MD	8.10 MPa	1170 psi	
Film Tensile Strength at Yield, TD	7.90 MPa	1150 psi	
Tensile Strength, Yield	8.10 MPa	1170 psi	Molded property
Film Elongation at Break, MD	525 %	525 %	
Film Elongation at Break, TD	535 %	535 %	
Elongation at Break	545 %	545 %	Molded value
Tensile Modulus	0.124 GPa	18.0 ksi	
Elmendorf Tear Strength MD	450 g	450 g	
Elmendorf Tear Strength TD	510 g	510 g	
Elmendorf Tear Strength, MD	7.50 g/micron	191 g/mil	
Elmendorf Tear Strength, TD	8.50 g/micron	216 g/mil	
Dart Drop	6.70 g/micron	170 g/mil	
Film Tensile Strength at Break, MD	35.9 MPa	5210 psi	
Film Tensile Strength at Break, TD	35.9 MPa	5210 psi	

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

Thermal Properties	Metric	English	Comments
Optical Properties	Metric	English	Comments
Haze	3.0 %	3.0 %	
Gloss	70 %	70 %	45°
Processing Properties	Metric	English	Comments
Processing Temperature	191 °C	376 °F	Film extrusion temperature

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