

Huntsman PE 1302 EVA Film Extrusion (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

3% Vinyl Acetate EVA copolymer and FDA compliant
Features: High clarity film with good low temperature toughness and heat seal characteristics.
Applications: Film extrusion: food packaging, general purpose packaging requiring good low temperature toughness and flexibility.
FDA Notes: Conforms to FDA regulation 21 CFR 177.1350 under condition of use C through G described in Table 2 of 21 CFR 176.170
Film properties based on 1.0 guage (25 µm) thickness; blow-up ratio 2:1. Information provided by Huntsman Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-PE-1302-EVA-Film-Extrusion-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	49	49	ASTM D2240
Tensile Strength, Ultimate	13.1 MPa	1900 psi	ASTM D638
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D638
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elongation at Break	650 %	650 %	ASTM D638
Modulus of Elasticity	0.262 GPa	38.0 ksi	Secant; ASTM D638
Secant Modulus, MD	0.141 GPa	20.5 ksi	ASTM D882
Secant Modulus, TD	0.173 GPa	25.1 ksi	ASTM D882
Dart Drop	5.91 g/micron	150 g/mil	ASTM D1709
Dart Drop Test	150 g	0.331 lb	ASTM D1709
Film Tensile Strength at Break, MD	23.0 MPa	3340 psi	ASTM D882
Film Tensile Strength at Break, TD	17.0 MPa	2470 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Vicat Softening Point	93.0 °C	199 °F	ASTM D1525

Thermal Properties	Metric	English	Comments
Optical Properties	Metric	English	Comments
Haze	4.5 %	4.5 %	ASTM D1003
Gloss	75 %	75 %	at 45°; ASTM D523

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 185 °C	345 - 365 °F	

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