

Westlake EF4060 Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Westlake Polyethylene EF4060 is a low density formulation suggested for cast film applications that require good clarity and heat sealability. Common applications include bread bags, fresh produce bags and converter film requiring printability. Application/Uses Bakery film Food packaging Produce bags Clarity packaging FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EF4060-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ASTM D1505
Thickness	38.1 microns	1.50 mil	
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 190 °C	3.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Dart Drop Test	90.0 g	0.198 lb	ASTM D1709
Film Tensile Strength at Break, MD	14.31 MPa	2075 psi	ASTM D882
Film Tensile Strength at Break, TD	11.0 MPa	1600 psi	ASTM D882
1% Secant Modulus, MD	119 MPa	17200 psi	ASTM D882
1% Secant Modulus, TD	125 MPa	18200 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.9 %	4.9 %	ASTM D1003
Gloss	84 %	84 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 380 °F	with BUR of 2.4:1 or higher
Blow-up Ratio (BUR)	2.4	2.4	

Descriptive Properties	Value	Comments
Process	Film	

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