

Westlake EB169 Low Density Polyethylene

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

Material Notes:

Westlake EB169 is a low-density polyethylene with high stiffness designed for beverage shrink overwrap and towel/tissue packaging. It has good toughness and blends well with LLDPE resins. Application/Uses Beverage overwrap shrink film Light and medium duty 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-EB169-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in ³	ASTM D1505
Thickness	31.8 microns	1.25 mil	
Melt Flow	1.6 g/10 min	1.6 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Dart Drop	3.35 g/micron	85.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	19.3 MPa	2800 psi	ASTM D882
Film Tensile Strength at Break, TD	17.9 MPa	2600 psi	ASTM D882
1% Secant Modulus, MD	234 MPa	34000 psi	ASTM D882
1% Secant Modulus, TD	276 MPa	40000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D1003
Gloss	65 %	65 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 199 °C	360 - 390 °F	with BUR of 1.5:1 or higher
Blow-up Ratio (BUR)	2.5	2.5	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Property Descriptive Properties	Film Value	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