

Westlake EC1550AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EC1550 is used for extrusion-coating applications, especially when increased heat-seal range is needed. Application/Uses Flexible medical Foil Food packaging Food-contact applications Laminating Medical Playing cards Toys/sporting goods 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-EC1550AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	ASTM D1505
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	11.0 MPa	1600 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	500 %	500 %	500mm/min; ASTM D638 Type IV Specimen
2% Secant Modulus	0.207 GPa	30.0 ksi	12.7mm/min; ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 166 °C	300 - 330 °F	

Descriptive Properties	Value	Comments
Process	Coating	
Region	US & Canada	Bamberger Polymers Distribution

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