

Westlake EC1924AA Low Density Polyethylene

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

Material Notes:

WESTLAKE low-density polyethylene EC1924 is a resin that is widely used in the boardstock coating industry. This material has an excellent combination of low neck-in, ease of processing, good chill-roll release, low coefficient of friction (COF) (for ease of indexing carton blanks) and good heat sealability. It is characterized by high-speed processability, excellent drawdown and reliable lot-to-lot consistency. Application/Uses Food-contact applications Photographic paper 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-EC1924AA-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ASTM D1505
Melt Flow	4.2 g/10 min @Load 2.16 kg, Temperature 190 °C	4.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.0 MPa	1450 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	100 %	100 %	500mm/min; ASTM D638 Type IV Specimen
2% Secant Modulus	0.310 GPa	45.0 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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