



Application/Uses

- Food-contact applications
- Photographic paper

Product Description

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.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	4.2 g/10 min
Density	D 4883	923 kg/m ³ (0.923 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	10.0 MPa (1400 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	100%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	310 MPa (45,000 psi)

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

NOTES

Where required, test specimens are compression molded according to ASTM D1928.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING

Melt temperatures of 300° F - 330° F are recommended for Westlake EC1924.

COMMENTS

Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

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