

Technical Data Sheet

Applications

- Food-contact applications
- Photographic paper
- Liquid packaging cartons

Product Description

TRUCOAT® EC1924 is a low density polyethylene resin that is widely used in the boardstock coating industry. This material has an excellent combination of low neck-in, ease of processing and 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 Method ^b	Typical Value, Units ^c
Melt Index	D 1238	4.2 g/10 min
Density	D 1505	923 kg/m ³ (0.923 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	111°C (232°F)
Vicat Softening Temperature	D 1525	94°C (201°F)
Tensile Strength @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	9.7 MPa (1,400 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	100 %
Flexural Modulus 1% Secant	D 790	310.3 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 D 1928.

Processing

Extrusion coating melt temperatures not to exceed 625°F are recommended for TRUCOAT® EC1924.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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