

Technical Data Sheet

Applications

- Medium and lightweight coatings and laminations
- Substrate coatings for heat sealability
- Hot melt laminating adhesive
- General-purpose coatings

Product Description

TRUCOAT® EC474 is a versatile low density polyethylene resin used for extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, provides a good moisture barrier, and is heat-sealable at low temperatures.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	8.0 g/10 min
Density	D 1505	918 kg/m ³ (0.918 g/cm ³)
Melting Point by DSC (T _m)	D 3418	105°C (221°F)
Vicat Softening Temperature	D 1525	86°C (187°F)
Tensile Strength @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	11 MPa (1,600 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	400 %
Flexural Modulus 1% Secant	D 790	165.5 MPa (24,000 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® EC474.

Regulatory Compliance

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

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