

Technical Data Sheet

Applications

- Milk cartons
- Liquid containers
- Multiwall bag stock
- Frozen food containers

Product Description

TRUCOAT® EC472 is a low density polyethylene resin that is recommended for use in boardstock coating. This material exhibits a combination of low neck-in, ease of processing, and good chill roll release.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	5.0 g/10 min
Density	D 1505	923 kg/m ³ (0.923 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	112°C (234°F)
Vicat Softening Temperature	D 1525	95°C (203°F)
Tensile Strength @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	10.3 MPa (1,500 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	260 %
Flexural Modulus 1% Secant	D 790	269 MPa (39,000 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® EC472.

Regulatory Compliance

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

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