

Technical Data Sheet

- Folded cartons
- Flexible packaging
- Cups

Product Description

TRUCOAT® EC479 is a low density polyethylene resin that is recommended for use in the boardstock coating industry. This material has low neck-in and good heat sealing and drawdown characteristics.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	5.7 g/10 min
Density	D 1505	921.5 kg/m ³ (0.9215 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	108.5°C (228.3°F)
Vicat Softening Temperature	D 1525	91°C (195.8°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	375 %
Flexural Modulus 1% Secant	D 790	227.5 MPa (33,000 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® EC479.

Regulatory Compliance

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

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