

Applications

- Food-contact applications
- Cupstock and boardstock coating

Product Description

TRUCOAT® EC4041 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	5.6 g/10 min
Density	D 4883	922 kg/m ³ (0.922 g/cm ³)
Peak Melting Point by DSC	D 3418	112°C (234°F)
Vicat Softening Point	D 1525	92°C (198°F)
Ultimate Tensile 500 mm/min (20 in/min)	D 638 Type IV Specimen	1,350 psi
Elongation 500 mm/min (20 in/min)	D 638 Type IV Specimen	100%
Flexural Modulus 1% Secant	D 790	43,000 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® EC4041.

Regulatory Compliance

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

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