

Applications

- Flexible medical
- Food packaging
- Laminating
- Playing cards
- Toys / sporting goods

Product Description

TRUCOAT® EC1550 is a low density polyethylene resin designed for use in extrusion coating applications, especially when increased heat-seal range is needed.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	3.5 g/10 min
Density	D 4883	917 kg/m ³ (0.917 g/cm ³)
Peak Melting Point by DSC	D 3418	107°C (225°F)
Vicat Softening Point	D 1525	87°C (189°F)
Ultimate Tensile 500 mm/min (20 in/min)	D 638 Type IV Specimen	1,600 psi
Elongation 500 mm/min (20 in/min)	D 638 Type IV Specimen	500%
Flexural Modulus 1% Secant	D 790	30,000 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® EC1550.

Regulatory Compliance

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

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