

Technical Data Sheet

Applications

- Coating
- Medical
- Automotive carpet backing

Product Description

TRUCOAT® EC812 is a low density polyethylene resin with a 200 melt index. It exhibits excellent wettability, making it ideal for binding fibers in carpet backing applications or other coating applications.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	200 g/10 min
Density	D 1505	909 kg/m ³ (0.909 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	98°C (208°F)
Vicat Softening Temperature	D 1525	65°C (149°F)
Tensile Strength @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	6.2 MPa (900 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV Specimen	100 %
Flexural Modulus 1% Secant	D 790	103.4 MPa (15,000 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® EC812.

Regulatory Compliance

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

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