



Application/Uses

- Food-contact applications

Product Description

WESTLAKE low-density polyethylene EC4041 is recommended for use in the boardstock coating industry. The resin has low neck-in and good drawdown characteristics. Coatings produced from EC4041 have excellent heat-sealing characteristics.

Typical Physical Properties

<u>Property^a</u>	<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Melt Index (Condition 190°C/2.16 kg)	D 1238	5.6 g/10 min
Density	D 4883	922 kg/m ³ (0.922 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	13.1 MPa (1900 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	180%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	255 MPa (37,000 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 D1928.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING

Melt temperatures of 300° F - 330° F are recommended for Westlake EC4041.

COMMENTS

Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

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