Westlake Chemical

EC4056

Low Density Polyethylene

Product Description

WESTLAKE low-density polyethylene EC4056 is a natural low density material with an 80 melt index.

Typical Physical Properties

Property[a]		Test[b] Method	Typical Value, Units[c]
Melt Index (Condition 190°C/2.16 kg)		D 1238	80.0 g/10 min
Density		D 4883	909 kg/m^3 (0.909 g/cm^3)
Tensile Stress @ Break	500 mm/min (20 in./min)	D 638 Type IV	8.3 MPa (1200 psi)
Elongation @ Break	500 mm/min (20 in./min)	D 638 Type IV	120%
Flexural Modulus	(2% Secant) 12.7 mm/min (0.5 in./min)	D 790	138 MPa (20,000 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
Kosher Compliant. 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 575° F - 625° F are suggested for Westlake Chemical EC4056.

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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