



Application/Uses

- Bakery film
- Food packaging
- Produce bags
- Clarity packaging

Product Description

Westlake Polyethylene EF4060 is a low density formulation suggested for cast film applications that require good clarity and heat sealability. Common applications include bread bags, fresh produce bags and converter film requiring printability.

Typical Physical Properties

Property ^a		Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)		D 1238	3.0 g/10 min
Density		D 4883	921 kg/m ³ (0.921 g/cm ³)
Haze		D 1003	4.9%
Gloss @ 45°		D 2457	84
Impact		D 1709A	90 g
Tensile Strength @ Break	M.D.	D 882	14 MPa (2075 psi)
	T.D.	D 882	11 MPa (1600 psi)
Elongation (%)	M.D.	D 882	300%
	T.D.	D 882	700%
1% Secant Modulus	M.D.	D 882	118 MPa (17200 psi)
	T.D.	D 882	125 MPa (18200 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

Test specimens for blown film: nominal thickness 1.5 mils; blow up ratio 2.4:1, die gap 50 mils.

FDA

This resin grade complies with 21 CFR 177.1520. For further information, please contact Product Regulatory Compliance.

PROCESSING

Melt temperatures of 360° F – 380° F are recommended for Westlake Chemical EF4060 with blow-up ratios of 2.4:1 or higher.

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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