

Technical Data Sheet

Applications

- Trash bags
- General purpose liners
- Multiwall liners
- Industrial liners

Product Description

Westlake EF606 is an LDPE resin suggested for use in multiwall and general purpose liners, and for use as a blend resin in general purpose packaging applications. It has excellent processability, and is a superb bubble stabilizer in LLDPE rich blends.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)		D 1238	2.20 g/10 min
Density (Base Formulation)		D 1505	919 kg/m ³ (0.919 g/cm ³)
Dart Impact		D 1709	125 g
Tensile Strength @ Break	M.D. T.D.	D 882 D 882	26.9 MPa (3,900 psi) 17.9 MPa (2,600 psi)
Elongation @ Break	M.D. T.D.	D 882 D 882	400 % 840 %
1% Secant Modulus	M.D. T.D.	D 882 D 882	165.5 MPa (24,000 psi) 206.8 MPa (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

Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

Processing

Melt temperatures of 360°F – 400°F are recommended for Westlake EF606 with blow-up ratios of 1.5:1 or higher.

Regulatory Compliance

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

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