

Applications

- Clarity films

Product Description

Westlake EF612 is an LDPE resin suggested for use in films requiring good clarity and toughness. It has excellent processability, and is an excellent choice as a blend resin with LLDPE in general-purpose clarity packaging applications.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	2.50 g/10 min
Density		D 1505	920 kg/m ³ (0.920 g/cm ³)
Dart Impact		D 1709	75 g/mil
Haze (Formulated Version)		D 1003	5.3%
Ultimate Tensile	M.D.	D 882	3,300 psi
	T.D.	D 882	2,300 psi
Elongation	M.D.	D 882	350%
	T.D.	D 882	680%
1% Secant Modulus	M.D.	D 882	25,000 psi
	T.D.	D 882	28,000 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 1.25 mils; blow up ratio 2.5:1, die gap 35 mils.

Processing

Melt temperatures of 360°F – 400°F are recommended for Westlake EF612 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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