

Applications

- Bakery bags
- Soft goods packaging
- High clarity packaging
- Bags for textile items

Product Description

Westlake EF310 is an LDPE resin suggested for cast film bakery applications. This material has outstanding optical and processing properties.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	2.2 g/10 min
Density		D 1505	923.5 kg/m ³ (0.9235 g/cm ³)
Haze		D 1003	6.4%
Gloss @ 45°		D 2457	80
Dart Impact		D 1709	50 g/mil
Ultimate Tensile	M.D.	D 882	3,000 psi
	T.D.	D 882	2,000 psi
Elongation	M.D.	D 882	300%
	T.D.	D 882	560%
1% Secant Modulus	M.D.	D 882	23,000 psi
	T.D.	D 882	24,000 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 EF310 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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