

Applications

- General purpose clarity
- Medium duty produce bags
- Bakery bags
- Bags for textile items

Product Description

Westlake EP413 is an LDPE resin recommended for clarity blown or cast film applications, as it has very good optical properties. It is suggested for bakery films, produce bags, and general purpose clarity applications.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	3.0 g/10 min
Density		D 1505	923 kg/m ³ (0.923 g/cm ³)
Haze		D 1003	3.7%
Gloss @ 45°		D 2457	87
Dart Impact		D 1709	75 g/mil
Ultimate Tensile	M.D.	D 882	3,800 psi
	T.D.	D 882	2,800 psi
Elongation	M.D.	D 882	450%
	T.D.	D 882	850%
1% Secant Modulus	M.D.	D 882	27,000 psi
	T.D.	D 882	32,000 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 EP413 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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