

Technical Data Sheet

Applications

- Heavy duty bags
- Heavy duty shipping sacks
- Industrial shrink film
- Heavy duty C&A sheeting

Product Description

Westlake EF601AA is a fractional melt LDPE with excellent toughness. It is recommended in heavy duty films and shipping sacks, and in industrial shrink applications. It can also be used as a bubble stabilizer in LLDPE rich films.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)		D 1238	0.25 g/10 min
Density (Base Formulation)		D 1505	919 kg/m ³ (0.919 g/cm ³)
Dart Impact		D 1709	250 g
Coefficient of Friction		D 1894	0.5
Tensile Strength @ Break	M.D.	D 882	24.1 MPa (3,500 psi)
	T.D.	D 882	18.6 MPa (2,700 psi)
Elongation @ Break	M.D.	D 882	250 %
	T.D.	D 882	750 %
1% Secant Modulus	M.D.	D 882	151.7 MPa (22,000 psi)
	T.D.	D 882	193 MPa (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 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 Chemical EF601AA 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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