Westlake Chemical

EF603

Low Density Polyethylene

Application/Uses

- Heavy duty refuse bags & liners
- Medium duty shrink film
- Bundling film

Product Description

Westlake EF603 is a LDPE resin with excellent toughness and processability. It is suggested in heavy duty films and medium duty shrink applications. It can be used as a bubble stabilizer in LLDPE rich films.

Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	1.20g/10 min
*Density		D 1505	919 kg/m^3 (0.919 g/cm^3)
Dart Impact		D 1709	125 g/mil
Ultimate Tensile	MD	D 882	4,400 psi
	TD	D 882	2,900 psi
Ultimate Elongation	MD	D 882	180 %
	TD	D 882	690 %
1% Secant Modulus	MD	D 882	22,000 psi
	TD	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 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

FDA
This resin grade complies with 21 CFR 177.1520. For further information, please contact Product Regulatory Compliance.

PROCESSING
Melt temperatures of 360° F – 400° F are recommended for Westlake Chemical EF603 with blow-up ratios of 1.5:1 or higher.

COMMENTS
Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.