Westlake Polymers

Enhancing your life every day

EF439

4.0% EVA COPOLYMER

Application/Uses

- High clarity packaging
- High impact

Product Description

Excellent haze and gloss, excellent impact strength and very good heat sealability.

Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	1.4 g/10 min
*Density		D 1505	9265 kg/m^3 (0.9265 g/cm^3)
*Haze		D 1003	4.4%
*Specular Gloss @ 45°		D 2457	72
Dart Impact		D 1709	250 g (g/mil)
Ultimate Tensile	M.D.	D 882	4000 psi
	T.D.	D 882	3100 psi
Elongation	M.D.	D 882	300%
	T.D.	D 882	600%
1% Secant Modulus	M.D.	D 882	21,000 psi
	T.D.	D 882	26,000 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.

FDA
This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING
Melt temperatures of 360° F – 390° F are recommended for Westlake EF439 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.