

WESTLAKE LF 2020

Linear Low Density Polyethylene

Applications

For bags and sacks, agricultural films, trash bags and liners, as well as coextruded structures.

Properties

Excellent stiffness and resistance to load deformation

Typical Physical Properties

PROPERTY	EXPECTED VALUE	ASTM METHOD
MELT INDEX (gm/10 min.)	1.0	D 1238
DENSITY (g/cm ³)	0.918	D 1505
FILM GAUGE (mil)	1.0	WESTLAKE
*HAZE	15	D 1003
DART DROP IMPACT, F ₅₀ (grams)	220	D 1709A
ELMENDORF TEARS STRENGTH (grams)	MD 300 TD 700	D 1922A
TENSILE STRENGTH @ YIELD (psi)	MD 1,500 TD 1,600	D 882
TENSILE STRENGTH @ BREAK (psi)	MD 5,900 TD 4,100	D 882
ULTIMATE ELONGATION (%)	MD 670 TD 900	D 882
1% SECANT MODULUS (psi)	MD 30,000 TD 36,000	D 882

Typical film property as measured on a 1.0 mil blown film sample fabricated at a 2.5:1 B.U.R.
*Unformulated polymer only.

NOTES: KOSHER APPROVED

FDA

This material complies with FDA regulations in 21 CFR, section 177.1520, paragraph C, section 3.1a.

PROCESSING

Melt temperatures of 400° - 420°F are recommended for Westlake Polymers' LF 2020 with blow up ratios of 2:1 or higher.

NOTICE

*** The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.