



Westlake Polymers

Enhancing your life every day

CV77526

Using EnergySM Technology Services

Application/Uses

- Blown film
- Food Packaging

Product Description

Mxsten CV Plastomer CV77526 resin is a polyethylene plastomer designed for blown film extrusion that contains no slip and no antiblock additives. Films produced with this resin exhibit a very low seal initiation temperature with a broad hot tack window.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.7 g/10 min
Density	D 4883	910 kg/m ³ (0.910 g/cm ³)
Thickness of Film Tested		1.0 mil
Haze	D 1003	6.5%
Gloss @ 45°	D 2457	77
Dart Impact	D 1709A	800 g/mil
Elmendorf Tear Resistance	M.D. D 1992	440 g/mil
	T.D. D 1992	600 g/mil
Tensile Strength @ Break	M.D. D 882	7000 PSI
	T.D. D 882	5900 PSI
Tensile Strength @ Yield [°]	M.D. D 882	1400 PSI
	T. D. D 882	1500 PSI
Elongation @ Break	M.D. D 822	640%
	T.D. D 882	880%
Tensile Modulus, 1% Secant	M.D. D 822	16,000 PSI
	T.D. D 882	20,000 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

Gauge of test specimens 1.0 mil fabricated on a 6" die, 2.5" 24:1 L:D barrier screw, 2.4:1 BUR, 100-mil die gap, 15" frostline height, 450° F melt temperature, and 7.5 lb/hr/inch die output. Density results are on Base Resin.

FDA

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

PROCESSING

Blown film processing temperatures of 420° F – 450° F are recommended for Westlake CV77526.

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.

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