



Application/Uses

- Ice Bags
- Heavy duty films

Product Description

WESTLAKE HIFOR Xtreme SC74880 is a high strength linear low density polyethylene containing high slip and high anti-block. It is designed for blown film applications and is well suited for consumer and industrial packaging markets which require impact and tear strength. This material does contain process aid for ease of extrusion.

Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	0.5 g/10 min
Base Density		D 1505	920 kg/m ³ (0.920 g/cm ³)
Haze		D 1003	16.0 %
Gloss @ 45°		D 2457	54.0%
Dart Impact		D 1709	200 g/mil
Tensile Strength @ Break	MD	D 882	8500 psi
	TD	D 882	7000 psi
Elongation @ Break	MD	D 882	550 %
	TD	D 882	900 %
1% Secant Modulus	MD	D 882	27000 psi
	TD	D 882	35000 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

Kosher Compliant. 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, 430° 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 400° F – 430° F are recommended for Westlake Chemical HIFOR Xtreme SC74880.

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.