

Applications

- Blown film extrusion
- Can liners

Product Description

HIFOR XTREME® SC74869 is a hexene LLDPE designed for blown film extrusion of can liners and heavy duty films. This material contains low slip, very high antiblock, and process aid for high speed extrusion.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.85 g/10 min
Density (base resin)		D 1505	918 kg/m ³ (0.918 g/cm ³)
Dart Impact		D 1709	250 g/mil
Haze		D 1003	24.0%
Gloss @ 45°		D 2457	60
Ultimate Tensile	M.D.	D 882	6,600 psi
	T.D.	D 882	5,600 psi
Elongation	M.D.	D 882	650%
	T.D.	D 882	900%
1% Secant Modulus	M.D.	D 882	30,000 psi
	T.D.	D 882	35,000 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 1.0 mils; blow up ratio 2.5:1, die gap 100 mils.

Processing

Melt temperatures of 410°F – 450°F are recommended for Westlake SC74869 with blow-up ratios of 1.5:1 or higher.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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