

Applications

- Blown film extrusion
- Heavy duty films

Product Description

HIFOR XTREME® SC74875 is an enhanced hexene linear low density polyethylene designed for blown film extrusion applications requiring high strength and clarity. It contains process aid and high stabilization but no slip or antiblock.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.75 g/10 min
Density		D 1505	915 kg/m ³ (0.915 g/cm ³)
Dart Impact		D 1709	160 g/mil
Haze		D 1003	4.0%
Gloss @ 45°		D 2457	85
Ultimate Tensile	M.D.	D 882	7,500 psi
	T.D.	D 882	5,700 psi
Elongation	M.D.	D 882	700%
	T.D.	D 882	1,000%
1% Secant Modulus	M.D.	D 882	28,000 psi
	T.D.	D 882	40,000 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 2.4:1, die gap 100 mils.

Processing

Melt temperatures of 410°F – 450°F are recommended for HIFOR XTREME® SC74875 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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