

## Technical Data Sheet

### Applications

- Blown film extrusion
- Can liners

### Product Description

HIFOR XTREME® SC74873 is a hexene LLDPE designed for blown film extrusion of can liners and heavy-duty films. This material contains high slip, high antiblock, and high process aid for high speed extrusion.

### Typical Physical Properties

Property <sup>a</sup>		Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index (Conditions 190°C/2.16 kg)		D 1238	0.85 g/10 min
Density (Base Formulation)		D 1505	918 kg/m <sup>3</sup> (0.918 g/cm <sup>3</sup> )
Dart Impact		D 1709	400 g
Haze (Base Formulation)		D 1003	30.0%
Gloss @ 45° (Base Formulation)		D 2457	57
Tensile Strength @ Break	M.D. T.D.	D 882 D 882	45.5 MPa (6,600 psi) 34.5 MPa (5,000 psi)
Elongation @ Break	M.D. T.D.	D 882 D 882	650% 900%
1% Secant Modulus	M.D. T.D.	D 882 D 882	174.4 MPa (25,300 psi) 177.9 MPa (25,800 psi)

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> Units are in SI or US customary units.

### Notes

Test specimens for blown film: nominal thickness 1.0 mil; blow-up ratio 2.5:1, die gap 100 mils.

### Processing

Melt temperatures of 410°F-450°F are recommended for HIFOR XTREME® SC74873 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.

*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. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*