

## Technical Data Sheet

### Applications

- Frozen food films
- High-clarity bread bags
- Ice bags

### Product Description

HIFOR CLEAR® LF74580 is a high-strength and high-clarity hexene LLDPE that contains process aid and no slip or antiblock. Films produced with this resin exhibit good toughness and high stiffness, with exceptional gloss and clarity. It also works well in many shrink film applications.

### Typical Physical Properties

Property <sup>a</sup>		Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index (Condition 190°C/2.16 kg)		D 1238	0.6 g/10 min
Density (Base Formulation)		D 1505	926 kg/m <sup>3</sup> (0.926 g/cm <sup>3</sup> )
Dart Impact		D 1709	120 g
Haze (Base Formulation)		D 1003	5.0%
Gloss @ 45° (Base Formulation)		D 2457	75
Tensile Strength @ Break	M.D.	D 882	58.6 MPa (8,500 psi)
	T.D.	D 882	46.9 MPa (6,800 psi)
Elongation @ Break	M.D.	D 882	650%
	T.D.	D 882	950%
1% Secant Modulus	M.D.	D 882	324.1 MPa (47,000 psi)
	T.D.	D 882	503.3 MPa (73,000 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 CLEAR® LF74580 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.*