

## Applications

- Cast or Profile cast film extrusion
- Blend resin for general-purpose packaging

## Product Description

HIFOR® LF1050 is a butene LLDPE resin with stiffness suitable for cast film extrusion. It can be used as a pure component or in a blend with LDPE.

## Typical Physical Properties

Property <sup>a</sup>		Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index		D 1238	3.5 g/10 min
Density		D 1505	925 kg/m <sup>3</sup> (0.925 g/cm <sup>3</sup> )
Dart Impact		D 1709	90 g/mil
Haze (Base Formulation)		D 1003	4.0%
Gloss @ 45° (Base Formulation)		D 2457	88
Elmendorf Tear Resistance	M.D.	D 1992	60 gf
	T.D.	D 1992	300 gf
Ultimate Tensile	M.D.	D 882	4,700 psi
	T.D.	D 882	3,100 psi
Elongation	M.D.	D 882	700%
	T.D.	D 882	800%
1% Secant Modulus	M.D.	D 882	31,000 psi
	T.D.	D 882	36,000 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 cast film: nominal thickness 1.0 mils; 13 lbs/die inch @ 525°F melt temp. and 70°F chill roll temp.

## Processing

Cast melt temperatures of 500°F – 550°F are recommended for HIFOR® LF1050.

## 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 or fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*