

Technical Data Sheet

Applications

- Bakery bags
- Can Liners

Product Description

HIFOR CLEAR® LF74565 is a clarity butene LLDPE designed for bakery bags, can liners, and LDPE blends. This product contains slip, antiblock, and traditional fluoropolymer process aid additives.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)		D 1238	0.8 g/10 min
Density (Base Formulation)		D 1505	923 kg/m3 (0.923 g/cm3)
Dart Impact		D 1709	60 g
Haze		D 1003	9%
Gloss @ 45° (Base Formulation)		D 2457	60
Elmendorf Tear	M.D.	D 1922	70 gf
	T.D.	D 1922	560 gf
Tensile Strength @ Break	M.D.	D 882	33.1 MPa (4,800 psi)
	T.D.	D 882	20.0 MPa (2,900 psi)
Elongation @ Break	M.D.	D 882	690%
	T.D.	D 882	840%
1% Secant Modulus	M.D.	D 882	193.1 MPa (28,000 psi)
	T.D.	D 882	275.8 MPa (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 mil; blow-up ratio 2.5:1, die gap 100 mils.

Processing

Melt temperatures of 410°F - 450°F are recommended for HIFOR CLEAR® LF74565 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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