

Linear Low Density Polyethylene

LL1118F

PRODUCT DESCRIPTION

LLDPE resin for general packaging application. Prime resin with FDA certification. Under development resin.

APPLICATIONS

Product used for general film extrusion for packaging, including industrial liners and trash bags.

TYPICAL PROPERTIES

Properties		Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)		0.9 - 1.1	g/10 min	ASTM D1238
Density		0.918 - 0.919	g/cm ³	ASTM D792
Elmendorf Tear Strength	MD	105 - 125	g	ASTM D1922
	TD	410 - 430		
Tensile Strength at Break	MD	7,000 - 7,200	psi	ASTM D882
	TD	5,000 - 6,000		
Elongation at Break	MD	660 - 680	%	ASTM D882
	TD	980 - 1000		
Haze		16.0	%	ASTM D1003
Gloss MD, 45°		35		ASTM D2457
Dart Drop Impact Strength, F50		90	g/mil	ASTM D1709A

ADDITIVE

Antiblock	6000 ppm
Slip	1200 ppm
Other	Thermal Stabilizer

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