

Linear Low Density Polyethylene

LL1118B (D)

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 TD	150 - 180 445 - 465	g/mil	ASTM D1922
Tensile Strength at Break	MD TD	4,300 - 4,500 3,300 - 3,500	psi	ASTM D882
Elongation at Break	MD TD	380 - 400 840 - 860	%	ASTM D882
Haze		17.0	%	ASTM D1003
Gloss MD, 45°		65		ASTM D2457
Dart Drop Impact Strength, F50		100	g/mil	ASTM D1709A

ADDITIVE

Antiblock	None
Slip	None
Other	Thermal Stabilizer

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