

/// CIPLAS by ITOCHU

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Low Density Polyethylene

L2221F

PRODUCT DESCRIPTION

LDPE resin with good clarity

APPLICATIONS

Product used for general purpose packaging, including produce bags, food packaging, and textile packaging.

TYPICAL PROPERTIES

Properties		Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)		2.1 - 2.2	g/10 min	ASTM D1238
Density		0.921 - 0.923	g/cm ³	ASTM D1505
Tensile Strength at Break	MD TD	3,850 - 3,950 2,550 - 2,650	psi	ASTM D882
Elongation at Break	MD TD	290 - 310 590 - 610	%	ASTM D882
Secant Modulus (1%)	MD TD	21,900 - 22,100 27,900 - 28,100	%	ASTM D882
Haze		5.7	%	ASTM D1003
Dart Drop Impact Strength, F50		124 - 126	g/mil	ASTM D1709A

ADDITIVE

Antiblock	1500 PPM
Slip	750 PPM
Other	NONE

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