

LL7625A

Linear Low Density Polyethylene Resin

Special Characteristics : InnoPlus LL7625A is a linear low density polyethylene with hexene comonomer, without slip and antiblock. InnoPlus LL7625A have been developed for cast film application by offering the excellent toughness, high mechanical strength and elongation with good process stability for high throughput.

Typical Applications : InnoPlus LL7625A is recommended for cast stretch film and in blending formula for producing food packaging and general purpose films.

Typical Properties :

Properties	LL7625A		Unit	Test Method
<i>Physical Properties</i>	<i>Cast film*</i>	<i>Blown film**</i>		
Melt Index (190 °C, 2.16 kg)	2.5	2.5	g/10 min	ASTM D1238
Density	0.919	0.919	g/cm ³	ASTM D792
Melting Point	121	121	°C	ASTM D3418
Vicat Softening Point	100	100	°C	ASTM D1525
<i>Film Properties*</i>				
Tensile Strength at Break (MD/TD)	52 / 29	30 / 30	MPa	ASTM D882
Elongation at Break (MD/TD)	600 / 680	750 / 800	%	ASTM D882
Tensile Modulus, 1% Secant (MD/TD)	215 / 230	250 / 300	MPa	ASTM D882
Dart Impact Strength	110	120	g	ASTM D1709
Tear Strength (MD/TD)	300 / 500	250 / 500	g	ASTM D1922
Haze	2.0	19	%	ASTM D1003
Gloss (45°)	91	20	-	ASTM D2457

* Film made on cast film line. Film properties obtained from 25 microns film.

** Film made on blown film line at blow up ratio 2.5. Gloss (45°) obtained from 40 microns film while other film properties obtained from 25 microns film.

Processing Condition :

The recommended temperature setting is in the range of 160 - 180 °C for extruder and 170 - 190 °C for die zone.

FDA Statement :

LLDPE under the brand InnoPlus complies with U.S. FDA 21 CFR 177.1520 (c) (2.1) and (2.2) regulation for polyethylene used in articles that contact food and suitable for articles used for packaging or holding food during cooking.

Disclaimer :

This Applications specified herein is for reference only and not suitable for using in the manufacturing of any products in medical and pharmaceutical sectors.

- Determination of suitability of the product for the use and purpose shall be the customer's responsibility. Customer is obligated to inspect and test the product for such suitability. Customer is responsible for appropriate, safe, legal use processing and handling of the product.
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Note : Properties reported here are typical values of the product, not to be considered as specifications.

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