

# 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.

**Additives** : No Slip and No Antiblock

**Typical Properties** :

Properties	LL7625A		Unit	Test Method
<b>Physical Properties</b>				
Melt Index (190 °C, 2.16 kg)	2.5	2.5	g/10 min	ASTM D1238
Density	0.919	0.919	g/cm <sup>3</sup>	ASTM D792
Melting Temperature	121	121	°C	ASTM D3418
Vicat Softening Point	100	100	°C	ASTM D1525
<b>Film Properties</b>				
	Based on cast film*	Based on blown film**		
Tensile Strength at Break (MD/TD)	40 / 30	40 / 35	MPa	ASTM D882
Elongation at Break (MD/TD)	480 / 680	885 / 950	%	ASTM D882
Tensile Modulus, 1% Secant (MD/TD)	215 / 230	250 / 300	MPa	ASTM D882
Dart Impact Strength	110	125	g	ASTM D1709
Tear Strength (MD/TD)	255 / 555	300 / 550	g	ASTM D1922
Haze	2.0	20	%	ASTM D1003
Gloss (45°)	91	25	-	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.

**Recommendation** :

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

**FDA Statement** :

Food and Drug Administration US FDA 21 CFR 177.1520 and Commission Regulation (EU) 10/2011. More compliance regulations and standards that related to the product shall be exhibited in Product Regulatory Certificate (PRC) document.