LL7610A

Linear Low Density Polyethylene Resin

Special Characteristics : InnoPlus LL7610A is a linear low density polyethylene with hexene comonomer, without slip and antiblock. InnoPlus LL7610A have been developed for blown film application by offering the excellent toughness and high mechanical strength with good bubble stability.

Typical Applications : InnoPlus LL7610A is recommended in blending formula for producing the general purpose films, liners, heavy duty films, food packaging and agricultural films.

Additives : No Slip and No Antiblock

Typical Properties :

Properties	LL7610A	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Index (190 °C, 2.16 kg)	1	g/10 min	ASTM D1238
Density	0.918	g/cm^3	ASTM D792
Melting Temperature	121	°C	ASTM D3418
Vicat Softening Point	100	°C	ASTM D1525
Film Properties* (Based on blown film)			
Tensile Strength at Break (MD/TD)	50 / 45	MPa	ASTM D882
Elongation at Break (MD/TD)	650 / 750	%	ASTM D882
Tensile Modulus, 1% Secant (MD/TD)	270 / 320	MPa	ASTM D882
Dart Impact Strength	200	g	ASTM D1709
Tear Strength (MD/TD)	320 / 520	g	ASTM D1922
Haze	14	%	ASTM D1003
Gloss (45°)	35	-	ASTM D2457

** 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.

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