LL7903A

Metallocene Polyethylene Resin

Special Characteristics: InnoPlus LL7903A is a metallocene polyethylene (mPE) with hexene comonomers, without slip and antiblock. This grade is an easy processing grade which offers an outstanding balance between processing and film properties. Films extruded from InnoPlus LL7903A have high tensile, Impact strength and puncture properties.

Typical Applications: InnoPlus LL7903A is recommended for producing the heavy-duty films, lamination films, shrink film, stand-up pouches, multi-layer packaging films and freezer packaging films.

Additives: No Slip and No Antiblock

Typical Properties:

Properties	LL7903A	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate (190 °C, 2.16 kg)	0.3	g/10 min	ASTM D1238
Density	0.927	g/cm^3	ASTM D792
Melting Temperature	122	°C	ASTM D3418
Vicat Softening Point	114	°C	ASTM D1525
Film Properties* (Based on blown film)			
Tensile Strength at Break (MD/TD)	40 / 40	MPa	ASTM D882
Elongation at Break (MD/TD)	620 / 700	%	ASTM D882
Tensile Modulus, 1% Secant (MD/TD)	330 / 360	MPa	ASTM D882
Dart Impact Strength	200	g	ASTM D1709
Tear Strength (MD/TD)	140 / 500	g	ASTM D1922
Haze	14	%	ASTM D1003
Gloss (45°)	40	-	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.

[HongKong] +852-69575415 [China GuangDong] +135-3858-6433 [China ShangHai] +188-1699-6168