

LD1826L

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD1826L is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade is excellent transparency, mechanical property and processability.

Typical Applications : InnoPlus LD1826L is designed for variety of film application such as general purpose bag, zip bag, food packaging and film wrapping rubber bale.

Additives : Slip 600 ppm and Antiblock 800 ppm

Typical Properties :

Properties	LD1826L	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate (190 °C, 2.16 kg)	5.0	g/10 min	ISO 1133
Density	0.918	g/cm ³	ISO 1183
Melting Temperature	108	°C	ISO 11357
Vicat Softening Point	85	°C	ASTM D1525
Film Properties* (Based on blown film)			
Max. Tensile Strength (MD/TD)	18 / 16	MPa	ISO 527
Ultimate Elongation (MD/TD)	470 / 680	%	ISO 527
Dart Drop Impact	100	g	ASTM D1709
Haze	6	%	ASTM D1003
Gloss (20°)	90	-	ASTM D2457

* film properties obtained from 50 microns film which was blown film extruded at blow up ratio 2.0

Recommendation :

The recommended temperature setting is in the range of 150 - 190 °C

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.