LD2420H

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD2420H is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers easy processability, excellent optical property and low gel level.

Typical Applications: InnoPlus LD2420H is a very versatile of general purpose films, shrink films, food packaging films and foam applications.

Additives: No Slip, and Antiblock.

Typical Properties:

Properties	LD2420H	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate (190 °C, 2.16 kg)	1.9	g/10 min	ISO 1133
Density	0.924	g/cm^3	ISO 1183
Melting Temperature	112	°C	ISO 11357
Vicat softening point	94	°C	ASTM D1525
Film Properties* (Based on blown film)			
Max. Tensile Strength (MD/TD)	20 / 18	MPa	ISO 527
Ultimate Elongation (MD/TD)	460 / 660	%	ISO 527
Dart Drop Impact	110	g	ASTM D1709
Haze	6	%	ASTM D1003
Gloss (20°)	85	-	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 160 - 200 °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.

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