LD2420F

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD2420F is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers excellent processability for increased extruder outputs, good balance of mechanical and optical properties, exceptional clarity and gloss.

Typical Applications: InnoPlus LD2420F is recommended for producing the heavy duty films, agricultural films, shrink films, tubes and small extrusion blow molding containers.

Additives: No Slip, No antiblock.

Typical Properties:

Properties	LD2420F	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate (190 °C, 2.16 kg)	0.75	g/10 min	ISO 1133
Density	0.922	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)	23 / 18	MPa	ISO 527
Ultimate Elongation (MD/TD)	350 / 630	%	ISO 527
Dart Drop Impact	120	g	ASTM D1709
Haze	6	%	ASTM D1003
Gloss (20°)	60	-	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 170 - 220 °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.