LD2420D

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD2420D is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade offers easy processability, good balance of mechanical and optical properties.
Film extruded from InnoPlus LD2420D has high tensile strength, elongation, good toughness and good tear strength.
Typical Applications : InnoPlus LD2420D is recommended for producing the heavy duty films, agricultural films, shrink films, tubes and small extrusion blow molding containers.
Additives : No Slip and No Antiblock
Typical Properties :

Properties	LD2420D	Unit	Test Method
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate (190 °C, 2.16 kg)	0.27	g/10 min	ISO 1133
Density	0.922	g/cm^3	ISO 1183
Melting Temperature	111	°C	ISO 11357
Vicat Softening Point	95	°C	ASTM D1525
Film Properties* (Based on blown film)			
Max. Tensile Strength (MD/TD)	24 / 22	MPa	ISO 527
Ultimate Elongation (MD/TD)	440 / 670	%	ISO 527
Dart Drop Impact	210	g	ASTM D1709
Haze	7	%	ASTM D1003
Gloss (20°)	40	-	ASTM D2457

** film properties obtained from 70 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.

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Note : Properties reported here are typical values of the product, not to be considered as specifications.
GC makes no representations as to the accuracy or completeness of the information contained herein.

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