

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 additives.

Typical Properties :

Properties	InnoPlus LD2420H	Units	Test Methods
<i>Physical Properties (Based on pellets and press-molded sheet)</i>			
Melt Flow Rate at 190 °C, 2.16 kg.	1.9	g/10 min	ISO 1133
Density	0.924	g/cm ³	ISO 1183
Melting Temperature	111	°C	ISO 11357
Vicat Softening Point	93	°C	ASTM D1525
Tensile strength at Yield	11	N/mm ²	ISO 527
Tensile Modulus	260	N/mm ²	ISO 527
<i>Film Properties* (Based on blown film)</i>			
Max. Tensile Strength (MD/TD)	21 / 20	MPa	ISO 527
Ultimate Elongation (MD/TD)	250 / 600	%	ISO 527
Dart Drop Impact	90	g	ASTM D1709
Haze	< 8	%	ASTM D1003
Gloss (20°)	> 80	-	ASTM D2457
* film properties obtained from 50 microns film which was blown film extruded at blow up ratio 2.5			

Processing Condition :

Recommended melt temperature range from 160 °C to 200 °C.

Note : Properties reported here are typical values of the product, not to be considered as specifications.

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