

LD2426F

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD2426F 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 LD2426F is recommended for producing the heavy duty films, agricultural films, shrink films, tubes and small extrusion blow molding containers.

Additives : Slip and Antiblock

Typical Properties :

Properties	InnoPlus LD2426F	Units	Test Methods
<i>Physical Properties (Based on pellets and press-molded sheet)</i>			
Melt Flow Rate at 190 °C, 2.16 kg.	0.75	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
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)	22/20	MPa	ISO 527
Ultimate Elongation (MD/TD)	300 / 600	%	ISO 527
Dart Drop Impact	110	g	ASTM D1709
Haze	<9	%	ASTM D1003
Gloss (20°)	>50	-	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 170 °C to 220 °C.

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

PTT Global Chemical makes no representations as to the accuracy or completeness of the information contained herein.