LD2426K

Low Density Polyethylene Resin

Special Characteristics : InnoPlus LD2426K is produced by high pressure tubular process, a technology licensed by LyondellBasell. This grade has well balance property of optical property, mechanical property and processability.

Typical Applications : InnoPlus LD2426K is designed for variety of film application such as general purpose film, shrink film, zip bag and food packaging film. In addition, LD2426K is very suitable for liner cap, drinking water cap and vegetable oil cap.

Additives : Slip and Antiblock

Typical Properties :

Properties	LD2426K	Units	Test Methods
Physical Properties (Based on pellets and press-molded sheet)			
Melt Flow Rate at 190 °C, 2.16 kg.	4.0	g/10 min	ISO 1133
Density	0.924	g/cm^3	ISO 1183
Melting Temperature	110	°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
Film Properties (Based on blown film)*			
Max. Tensile Strength (MD/TD)	20 / 18	MPa	ISO 527
Ultimate Elongation (MD/TD)	500 / 630	%	ISO 527
Dart Drop Impact	120	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 :

The recommended temperature setting is in the range of 150 °C to 190 °C.

FDA Statement :

LDPE under the brand InnoPlus complies with U.S. FDA 21 CFR 177.1520 regulation for polyethylene used in articles that contact food except for articles used for packaging or holding food during cooking.

Disclaimer :

This Applications specified herein is for reference only and not suitable for using in the manufacturing of any products in medical and pharmaceutical sectors.

- Determination of suitability of the product for the use and purpose shall be the customer's responsibility. Customer is obligated to inspect and test the product for such suitability. Customer is responsible for appropriate, safe, legal use processing and handling of the product.
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Note : Properties reported here are typical values of the product, not to be considered as specifications.
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