

InnoPlus LD2420H

Low Density Polyethylene

PTT Global Chemical Public Company Limited

Message:

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.

General Information			
Features	Additive Free		
	General Purpose		
	Good Processability		
	Low Gel		
	Opticals		
Uses	Film		
	Foam		
	Food Packaging		
	General Purpose		
	Packaging		
	Shrink Wrap		
Appearance	Clear/Transparent		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Compression Molded)	260	MPa	ISO 527-2
Tensile Stress (Yield, Compression Molded)	11.0	MPa	ISO 527-2
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	ISO 527-3
Tensile Stress			
MD : Break, 50 µm, Blown Film	21.0	MPa	
TD : Break, 50 µm, Blown Film	20.0	MPa	ISO 527-3
Tensile Elongation			
MD : Break, 50 µm, Blown Film	250	%	
TD : Break, 50 µm, Blown Film	600	%	ASTM D1709
Dart Drop Impact (50 µm, Blown Film)	90	g	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	93.0	°C	ASTM D1525
Melting Temperature	111	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 µm, Blown Film)	> 80		ASTM D2457
Haze (50.0 µm, Blown Film)	< 8.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 200	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

