

LyondellBasell Lupolen® 2424 H LDPE, Film Grade

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

FilmData was collected by ISO methods and originally provided by BASF. The Lupolen® product line is now produced by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Lupolen-2424-H-LDPE-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	
Water Absorption	0.010 %	0.010 %	
Moisture Absorption at Equilibrium	0.010 %	0.010 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	11.0 MPa	1600 psi	
Elongation at Break	>= 50 %	>= 50 %	
Elongation at Yield	14.5 %	14.5 %	
Tensile Modulus	0.260 GPa	37.7 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	230 µm/m-°C	128 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	111 °C	232 °F	
Deflection Temperature at 0.46 MPa (66 psi)	41.0 °C	106 °F	
Flammability, UL94	HB	HB	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Oxygen Index	17 %	17 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Dielectric Constant	2.3	2.3	
	@Frequency 100 Hz	@Frequency 100 Hz	

Electrical Properties	Metric	English	Comments
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.00020	0.00020	
	@Frequency 100 Hz	@Frequency 100 Hz	
Comparative Tracking Index	600 V	600 V	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China