

ExxonMobil™ LLDPE LL 8446.21

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 8446 is a linear low density butene copolymer with excellent processability, whiteness and fast grinding speed. This UV-stable resin is ideal for applications that require excellent dimensional control and low warpage.

General Information			
Additive	Long-term UV-8 stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	0.936	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance			
2.00 mm, 10% Igepal, F50	28.0	hr	ASTM D1693
10% Igepal, F50	24.0	hr	ASTM D1693A
100% Igepal, F50	36.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.0	MPa	ASTM D638, ISO 527-2/1A/50
Tensile Strain (Yield)	14	%	ISO 527-2/50
Flexural Modulus			
1% secant	730	MPa	ASTM D790B
--	700	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	52.0	°C	ASTM D648
1.8 MPa, not annealed	36.0	°C	ASTM D648
Peak Melting Temperature	125	°C	ASTM D3418
Additional Information			

'- 除了 ESCR 是基于模压样本测定之外,所有物理性能均基于 3 mm 的滚塑样本 测定,除非注明的是其他值. 拉伸测试以 50 mm/min 的十字头速度进行.所报告的拉伸强度指的是在测试过 程中达到的最大应力. 可以修改测试流程以适应操作条件或设施限制.

Legal statement

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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