

ExxonMobil™ LLDPE LL 6101 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 6101 series is a linear low density polyethylene grade with medium fluidity, with excellent hardness, heat deformation resistance and good environmental stress cracking resistance. The excellent toughness and environmental stress cracking resistance of LL 6101 brand make it an excellent mixture of high density polyethylene, which can improve the environmental stress cracking resistance of barrels and lids.

General Information

Additive	LL 6101XR: heat stabilizer LL 6101RQ: heat stabilizer
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Physical	Nominal Value	Unit	Test Method
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Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
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Environmental Stress-Cracking Resistance (50°C, 10% Igepal)	20.0	hr	ASTM D1693
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Stress (Yield)	10.0	MPa	ISO 527-2/1A/50
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Tensile Strain			ISO 527-2/1A/50
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Yield	19	%	ISO 527-2/1A/50
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Fracture	> 100	%	ISO 527-2/1A/50
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Flexural Modulus	260	MPa	ISO 178
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Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact	48	kJ/m ²	ISO 180/1A
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Thermal	Nominal Value	Unit	Test Method
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Vicat Softening Temperature	94.0	°C	ISO 306
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Additional Information

成型性能是使用基于 ISO 1872-2 标准的 4 mm(157.5 mil)厚注塑成型试样测定的。ESCR 是基于 3 mm(117mil)厚的模压板所测定

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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