

ExxonMobil™ LLDPE LL 6407.67

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 6407 is an ethane copolymer with narrow molecular weight distribution, developed for applications with excellent environmental stress cracking resistance requirements. The resin has good processability, minimum warpage and excellent toughness suitable for low temperature durability.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.8	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	238	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.5	MPa	ASTM D638
Flexural Modulus			ASTM D790B
1% secant	727	MPa	ASTM D790B
2% secant	638	MPa	ASTM D790B
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	112	°C	ASTM D1525
Peak Melting Temperature	127	°C	ASTM D3418
Additional Information			

性能基于注塑成型样本.可以修改测试流程以适应操作条件或设施限制.

Legal statement

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