

Exceed™ 0019 IM

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

Exceed 0019 IM is a narrow molecular weight Metallocene Ethylene-Hexene Copolymer designed for injection molding applications that require easy processability. This resin offers outstanding organoleptic properties and excellent toughness and tear resistance in freezer applications for food packaging.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	13.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	10.3	MPa	ASTM D638
Flexural Modulus			ASTM D790
1% secant	352	MPa	ASTM D790
2% secant	310	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Peak Melting Temperature	114	°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.			
NOTE			

1. 50 mm/min

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