

Exceed™ 1012 mVLDPE Formulated

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Eddene 1012 metallocene very low density polyethylene is a metallocene ethylene-hexene copolymer. The film made of Eddene 1012 metallocene very low density polyethylene resin has excellent low temperature toughness, impact strength and puncture resistance. These excellent strength properties and good heat sealing and hot viscosity make it a universal packaging film resin.

General Information			
Additive		Exceed 1012MJ: processing aid; Anti-caking agent (4500 ppm); Heat stabilizer	
		Exceed 1012MK: processing aid; Anti-caking agent (5000 ppm); Heat stabilizer; Sliding agent (1000 ppm)	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	119	MPa	ASTM D882
1% secant, TD	133	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	7.03	MPa	ASTM D882
TD: Yield	7.36	MPa	ASTM D882
MD: Fracture	54.7	MPa	ASTM D882
TD: Fracture	48.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	460	%	ASTM D882
TD: Fracture	580	%	ASTM D882
Dart Drop Impact	500	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	210	g	ASTM D1922
TD	330	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
Haze	15	%	ASTM D1003

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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