

# Exceed™ 1012 mVLDPE Series

Metallocene Polyethylene Resin  
ExxonMobil Chemical

Message:

Eddene 1012 metallocene very low density polyethylene resin is a metallocene ethylene-hexene copolymer. Films made of these resins have 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 1012HA: processing aid; heat stabilizer		
	Exceed 1012HJ: processing aid; heat stabilizer		
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	118	MPa	ASTM D882
1% secant, TD	125	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	6.97	MPa	ASTM D882
TD: Yield	6.78	MPa	ASTM D882
MD: Fracture	57.2	MPa	ASTM D882
TD: Fracture	55.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	450	%	ASTM D882
TD: Fracture	600	%	ASTM D882
Dart Drop Impact	900	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	200	g	ASTM D1922
TD	310	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	30		ASTM D2457
Haze	24	%	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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Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

