

Enable™ 27-05HH

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Enenbao 27-05HH is a metallocene ethylene-hexene copolymer. Enenmene metal polyethylene resin has excellent processing properties and film properties (including tensile resistance, impact resistance and puncture resistance). Easier processing and excellent performance make it a significant replacement for low density polyethylene in a variety of applications, while it also has excellent drafting performance and higher toughness.

General Information			
Additive		Processing aid heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	299	MPa	ASTM D882
1% secant, TD	354	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	13.1	MPa	ASTM D882
TD: Yield	14.4	MPa	ASTM D882
MD: Fracture	58.8	MPa	ASTM D882
TD: Fracture	50.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	520	%	ASTM D882
TD: Fracture	770	%	ASTM D882
Dart Drop Impact	130	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	50	g	ASTM D1922
TD	730	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	49		ASTM D2457
Haze	11	%	ASTM D1003

Legal statement

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.

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