

Enable™ 35-05HH

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Enenbao 35-05HH 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		
Forms	Particle		
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	426	MPa	ASTM D882
1% secant, TD	519	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	16.9	MPa	ASTM D882
TD: Yield	19.5	MPa	ASTM D882
MD: Fracture	57.8	MPa	ASTM D882
TD: Fracture	47.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	550	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	< 75	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	19	g	ASTM D1922
TD	610	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	40		ASTM D2457
Haze	14	%	ASTM D1003
Legal statement			

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