

Enable™ 20-10 Series

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Enenbao 20-10 resin 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). Eneng Bao 20-10 resin can be used in blown film formulations, with opening agent and no opening agent brand. It can also be used in highly stable formulas for casting film processing.

General Information			
Additive	Enable 20-10HA: processing aid; heat stabilizer		
	Enable 20-10HE: processing aid; Anti-caking agent (2000 ppm); Heat stabilizer; Sliding agent (500 ppm)		
	Enable 20-10CB: 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	205	MPa	ASTM D882
1% secant, TD	230	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.64	MPa	ASTM D882
TD: Yield	10.4	MPa	ASTM D882
MD: Fracture	57.5	MPa	ASTM D882
TD: Fracture	53.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	520	%	ASTM D882
TD: Fracture	730	%	ASTM D882
Dart Drop Impact	190	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	120	g	ASTM D1922
TD	560	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	61		ASTM D2457
Haze	7.1	%	ASTM D1003
Legal statement			

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