

Enable™ 40-02HH

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Enable 40-02HH is a medium density metallocene ethylene-hexene copolymer. Enable 40-02HH mPE provides blown film with high stiffness and shrink along with good optical properties. Excellent bubble stability leads to high output capability in monolayer and coextruded films.

General Information			
Additive	Enable 40-02HH: processing aid; Heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	537	MPa	ASTM D882
1% secant, TD	729	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	19.5	MPa	ASTM D882
TD: Yield	24.1	MPa	ASTM D882
MD: Fracture	66.7	MPa	ASTM D882
TD: Fracture	48.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	490	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	63	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	14	g	ASTM D1922
TD	600	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	26		ASTM D2457
Haze	21	%	ASTM D1003

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