

Exceed™ 1012HA

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

EXCEED 1012 HA resin is a metallocene ethylene-hexene copolymer. Films made from this resin have outstanding cold temperature toughness, impact strength and puncture. These superior strength properties, along with excellent heat sealing and hot tack performance, make this a very versatile packaging film resin.

General Information			
Additive	Exceed 1012HA: 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			

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