

Exceed™ 1018HA

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

Edge 1018HA is a metallocene ethylene-hexene copolymer. The film made of Edge 1018HA has excellent tensile strength, impact strength and puncture resistance. These excellent strength properties, together with good drafting properties, make it a universal packaging film resin.

General Information			
Additive		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	184	MPa	ASTM D882
1% secant, TD	203	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.46	MPa	ASTM D882
TD: Yield	9.69	MPa	ASTM D882
MD: Fracture	58.4	MPa	ASTM D882
TD: Fracture	52.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	480	%	ASTM D882
TD: Fracture	640	%	ASTM D882
Dart Drop Impact	590	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	250	g	ASTM D1922
TD	430	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	28		ASTM D2457
Haze	29	%	ASTM D1003
Legal statement			

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