

Exceed™ 1327HA

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Edge 1327HA resin is a metallocene ethylene-hexene copolymer. The film made of Edge 1327HA resin has excellent tensile strength, impact strength and puncture resistance. These excellent strength properties, together with good drafting properties, enable plastic bag thinning.

General Information			
Additive		Processing aid heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	303	MPa	ASTM D882
1% secant, TD	334	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	12.7	MPa	ASTM D882
TD: Yield	13.7	MPa	ASTM D882
MD: Fracture	58.0	MPa	ASTM D882
TD: Fracture	49.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	600	%	ASTM D882
TD: Fracture	730	%	ASTM D882
Dart Drop Impact	140	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	170	g	ASTM D1922
TD	480	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	21		ASTM D2457
Haze	40	%	ASTM D1003
Legal statement			

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