

Exceed™ 1023JA

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Edge 1023JA resin is a metallocene ethylene-ethane copolymer. The film made of Edge 1023JA resin has excellent tensile strength, impact strength and puncture resistance. These excellent strength properties, together with good stretchability, make the resin a general-purpose resin for packaging films.

General Information			
Additive	Processing aid		
	Anti-caking agent (4500 ppm)		
	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	226	MPa	ASTM D882
1% secant, TD	239	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.1	MPa	ASTM D882
TD: Yield	10.5	MPa	ASTM D882
MD: Fracture	52.5	MPa	ASTM D882
TD: Fracture	41.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	510	%	ASTM D882
TD: Fracture	610	%	ASTM D882
Dart Drop Impact	260	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	260	g	ASTM D1922
TD	500	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	39		ASTM D2457
Haze	26	%	ASTM D1003
Legal statement			

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