

Exceed™ 3518 Series

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

Edge 3518 resin is a metallocene ethylene-ethane copolymer. The film made of Edge 3518 resin has excellent tensile properties, impact resistance and puncture resistance. These excellent properties, together with good stretchability, make these resins suitable for single-layer or multi-layer cast packaging films.

General Information			
Additive		Exceed 3518CB: heat stabilizer	
		Exceed 3518PA: heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	111	MPa	ASTM D882
1% secant, TD	124	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	8.27	MPa	ASTM D882
TD: Yield	7.59	MPa	ASTM D882
MD: Fracture	74.0	MPa	ASTM D882
TD: Fracture	46.7	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	510	%	ASTM D882
TD: Fracture	680	%	ASTM D882
Dart Drop Impact	140	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	190	g	ASTM D1922
TD	500	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	86		ASTM D2457
Haze	2.4	%	ASTM D1003

Legal statement

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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