

Exceed™ 2718CB

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

Edge 2718CB resin is a metallocene ethylene-ethane copolymer. The film made of Edge 2718CB resin has excellent tensile properties, impact resistance and puncture resistance. These excellent properties, together with good stretchability, make it a universal resin suitable for single-layer and multi-layer cast stretched films.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	109	MPa	ASTM D882
1% secant, TD	132	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	8.52	MPa	ASTM D882
TD: Yield	7.87	MPa	ASTM D882
MD: Fracture	75.1	MPa	ASTM D882
TD: Fracture	51.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	470	%	ASTM D882
TD: Fracture	720	%	ASTM D882
Dart Drop Impact	200	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	170	g	ASTM D1922
TD	420	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	91		ASTM D2457
Haze	1.8	%	ASTM D1003
Legal statement			

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