

Exceed™ 3812CB

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Exceed 3812CB is a metallocene ethylene-hexene copolymer. Films made from Exceed 3812CB have outstanding toughness, impact strength, and puncture. These superior strength properties make this a very versatile packaging film resin and ideally suited for stretch film. It can also be used to enhance the sealing caulkability of lower melt index materials.

General Information			
Additive	Exceeded 3812CB: heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	87.0	MPa	ASTM D882
1% secant, TD	96.8	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	5.34	MPa	ASTM D882
TD: Yield	4.50	MPa	ASTM D882
MD: Fracture	47.7	MPa	ASTM D882
TD: Fracture	43.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	450	%	ASTM D882
TD: Fracture	610	%	ASTM D882
Dart Drop Impact ¹	610	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	250	g	ASTM D1922
TD	440	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	86		ASTM D2457
Haze	2.7	%	ASTM D1003
Legal statement			
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NOTE			
1.	Dart Head Type C		

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