

Exceed™ 7518CB

Metallocene Polyethylene Resin
ExxonMobil Chemical

Message:

Exceed 7518CB is a Metallocene Ethylene-Hexene Copolymer. Films made from Exceed 7518CB have outstanding tensile elongation properties while maintaining impact and puncture toughness. It also has easy processability due to its high melt index. This resin is for both monolayer and multilayer cast stretch film.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	97.0	MPa	ASTM D882
1% secant, TD	120	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	5.70	MPa	ASTM D882
TD: Yield	5.30	MPa	ASTM D882
MD: Fracture	43.0	MPa	ASTM D882
TD: Fracture	35.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	520	%	ASTM D882
TD: Fracture	650	%	ASTM D882
Dart Drop Impact ¹	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	190	g	ASTM D1922
TD	420	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	74		ASTM D2457
Haze	5.4	%	ASTM D1003
Legal statement			
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NOTE			
1.	ASTM D1709A - Dart Head Type C		

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