

Exceed™ 3518CB

Metallocene Polyethylene Resin

ExxonMobil Chemical

Message:

The brand of Eichde 3518 series is metallocene ethylene-hexene copolymer. The film made of Edge 3518 series has excellent tensile strength, impact resistance and puncture resistance. Moreover, they are very stable in the production of monolayer and multilayer cast films.

General Information			
Additive	Exceed 3518CB: 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	110	MPa	ASTM D882
1% secant, TD	131	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	86.2	MPa	ASTM D882
TD: Fracture	55.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	500	%	ASTM D882
TD: Fracture	750	%	ASTM D882
Dart Drop Impact	180	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	160	g	ASTM D1922
TD	460	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	14		ASTM D2457
Haze	2.0	%	ASTM D1003
Legal statement			

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