

Exceed™ XP 8318ML

Performance Polymer

ExxonMobil Chemical

Message:

Exceed™ XP 8318ML is an eXtreme Performance copolymer that offers step-out toughness, high flex-crack resistance and increased output with excellent bubble stability for a range of blown film applications. Exceed™ XP 8318ML - when eXtreme Performance matters.

General Information			
Additive	Exceeded XP 8318ML: processing aid; Heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	193	MPa	ASTM D882
1% secant, TD	231	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.70	MPa	ASTM D882
TD: Yield	10.0	MPa	ASTM D882
MD: Fracture	64.0	MPa	ASTM D882
TD: Fracture	51.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	370	%	ASTM D882
TD: Fracture	660	%	ASTM D882
Dart Drop Impact	670	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	370	g	ASTM D1922
TD	470	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	20		ASTM D2457
Haze	> 30	%	ASTM D1003

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