

# Escorene™ Ultra FL 00218

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

## Message:

FL 00218 is a copolymer of ethylene and vinyl acetate with low crystal point. When the processing temperature is higher than 240 C (464 °F) in processing conditions, resin degradation may be caused. The machine should be thoroughly cleaned with low density polyethylene or suitable detergent before stopping.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	48.0	MPa	ASTM D882
1% secant, TD	50.0	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	37.0	MPa	ASTM D882
TD: Fracture	36.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	550	%	ASTM D882
TD: Fracture	720	%	ASTM D882
Dart Drop Impact	660	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	70	g	ASTM D1922
TD	170	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	62.0	°C	ASTM D1525
Legal statement			

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