

# Escorene™ Ultra FL 00909

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

## Message:

FL 00909 is used for extrusion coating, casting film and co-extrusion. FL 00909 is a high-quality heat-sealing material with good optical properties. Good extrusion coating effect can be obtained at 250°C (482 °F) under processing conditions. Processing temperatures above 270°C (518 °F) may cause resin degradation. FL00909 should be put into the extruder after low density polyethylene with similar or higher melt index. The machine should be thoroughly cleaned with low density polyethylene or suitable detergent before stopping.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Vinyl Acetate Content	9.4	wt%	ExxonMobil Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	94		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	90.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 100	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	71.0	°C	ASTM D1525
Legal statement			
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Extrusion instructions			
Excellent results are obtained in extrusion coating at 250°C (482°F) temperature range. Processing temperatures above 270°C (518°F) may cause resin degradation. FL00909 should be fed into the extruder after LDPE of a similar or higher melt index. Machines should always be purged with LDPE or a suitable cleaning compound before shutdown.			
NOTE			
1.	5.0 mm/min		
2.	500 mm/min		

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