

Escorene™ Ultra FL 01418

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

FL 01418 is mainly designed for high speed/low coating extrusion coating, and is a good coextrusion component that can be matched with other polymers. FL 01418 is an excellent heat sealing material with extremely low sealing temperature and high transparency. Good extrusion coating effect can be obtained at 225°C (437 °F) under processing conditions. Processing temperatures above 240°C (464 °F) may cause resin degradation. FL01418 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			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Vinyl Acetate Content	18.0	wt%	ExxonMobil Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	39.0	MPa	ASTM D638
Tensile Elongation ² (Break)	> 100	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	51.0	°C	ASTM D1525
Legal statement			
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Extrusion instructions			
Excellent results are obtained in extrusion coating at 225°C (437°F) temperature range. Processing temperatures above 240°C (464°F) may cause resin degradation. FL01418 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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