

Escorene™ Ultra FL 00212

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

FL 00212 is a copolymer of ethylene and vinyl acetate. When the processing temperature is higher than 260 C (500 °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)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	12.0	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 ¹	90.0	MPa	ASTM D638
Tensile Elongation ² (Break)	> 100	%	ASTM D638
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	80.0	MPa	ASTM D882
1% secant, TD	80.0	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	30.0	MPa	ASTM D882
TD: Fracture	28.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	530	%	ASTM D882
TD: Fracture	660	%	ASTM D882
Dart Drop Impact	480	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	110	g	ASTM D1922
TD	160	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	71.0	°C	ASTM D1525
Legal statement			
本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.			
NOTE			
1.	5.0 mm/min		
2.	500 mm/min		

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