

Escorene™ Ultra FL 00014

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

FL 00014 is a copolymer of ethylene and vinyl acetate. It is used for films with extremely high toughness, low creep, good optical properties and low crystal point requirements.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Vinyl Acetate Content	14.0	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	65.0	MPa	ASTM D882
1% secant, TD	68.0	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	33.0	MPa	ASTM D882
TD: Fracture	35.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	610	%	ASTM D882
TD: Fracture	670	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	76.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457
Haze	1.9	%	ASTM D1003
Legal statement			

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