

Escorene™ Ultra LD 701.ID

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

Escorene Ultra LD 701.ID is a fractional melt index copolymer special film resin containing 10.1% (mass fraction) vinyl acetate, which is used for applications requiring high heat sealing, high strength and high toughness (especially at low temperatures).

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.19	g/10 min	ASTM D1238
Vinyl Acetate Content	10.1	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	107	MPa	ASTM D882
1% secant, TD	121	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	35.3	MPa	ASTM D882
TD: Fracture	35.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	300	%	ASTM D882
TD: Fracture	620	%	ASTM D882
Dart Drop Impact	660	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	91	g	ASTM D1922
TD	85	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	83.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	70		ASTM D2457
Haze	5.0	%	ASTM D1003
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.

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