

Escorene™ Ultra LD 708.62

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 708.62 is a 14.9 wt% vinyl acetate copolymer film resin. Film made from LD 708.62 exhibits good impact strength and superior heat sealability.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Cheese Packaging	▪ Meat Packaging	▪ Primal Meat Bags

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.935 g/cm ³	0.935 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	5.2 g/10 min	5.2 g/10 min	ASTM D1238
Vinyl Acetate Content	14.9 wt%	14.9 wt%	ExxonMobil Method
Peak Melting Temperature	190 °F	88 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	145 °F	63 °C	ASTM D1525

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break MD	4300 psi	30 MPa	ASTM D882
Tensile Strength at Break TD	2800 psi	19 MPa	ASTM D882
Elongation at Break MD	320 %	320 %	ASTM D882
Elongation at Break TD	870 %	870 %	ASTM D882
Secant Modulus MD - 1% Secant	11000 psi	77 MPa	ASTM D882
Secant Modulus TD - 1% Secant	12000 psi	81 MPa	ASTM D882
Dart Drop Impact	100 g	100 g	ASTM D1709A
Elmendorf Tear Strength MD	210 g	210 g	ASTM D1922
Elmendorf Tear Strength TD	220 g	220 g	ASTM D1922

Optical Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Gloss (45°)	86	86	ASTM D2457
Haze	1.1 %	1.1 %	ASTM D1003

