

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

Availability ¹	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Cheese Packaging	▪ Meat Packaging	▪ Primal Meat Bags
Revision Date	▪ 03/01/2010		

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

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Processing Statement

Film (2 mil / 50.8 micron) made from LD 708.62 on a 3.5 inch cast film line with a 5 inch melt curtain, 80°F (27°C) chill roll temperature at a 250 ft/min take-off speed and a melt temperature between 382–418°F (194–214°C).

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

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