ExxonMobil

Escorene™ Ultra LD 708 Series

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene™ Ultra LD 708 Series are 14.9 wt% vinyl acetate copolymer film resins. Films made from LD 708 resins exhibit good impact strength and superior heat sealability.

General

Availability [1]	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ LD 708.NM: Antiblock: No; Slip: No; Thermal Stabilizer: Yes ▪ LD 708.62: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
Applications	▪ Cheese Packaging	▪ Meat Packaging	▪ Primal Meat Bags
Revision Date	▪ 11/29/2018		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.935	g/cm³	0.935	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	5.2	g/10 min	5.2	g/10 min	ExxonMobil Method
Vinyl Acetate Content	14.9	wt%	14.9	wt%	ExxonMobil Method
Peak Melting Temperature	192	°F	89	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	144	°F	62	°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	3200	psi	22	MPa	ASTM D882
Elongation at Break MD	380	%	380	%	ASTM D882
Elongation at Break TD	770	%	770	%	ASTM D882
Secant Modulus MD - 1% Secant	8300	psi	57	MPa	ASTM D882
Secant Modulus TD - 1% Secant	9800	psi	68	MPa	ASTM D882
Dart Drop Impact	240	g	240	g	ASTM D1709A
Elmendorf Tear Strength MD	320	g	320	g	ASTM D1922
Elmendorf Tear Strength TD	240	g	240	g	ASTM D1922

Optical Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Gloss (45°)	87		87		ASTM D2457
Haze	1.2	%	1.2	%	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 390-450°F (199-232°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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