

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

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

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.935 g/cm ³	0.935 g/cm ³	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

