

Escorene™ Ultra LD 706.15 Cast

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 706.15 is a 14.9 wt% vinyl acetate copolymer film resin designed for coextruded cast film applications.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Heat Seal Layer	▪ Meat Packaging	

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)	8.5 g/10 min	8.5 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	138 °F	59 °C	ASTM D1525

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break MD	3800 psi	26 MPa	ASTM D882
Tensile Strength at Break TD	2600 psi	18 MPa	ASTM D882
Elongation at Break MD	400 %	400 %	ASTM D882
Elongation at Break TD	760 %	760 %	ASTM D882
Secant Modulus MD - 1% Secant	7800 psi	54 MPa	ASTM D882
Secant Modulus TD - 1% Secant	9000 psi	62 MPa	ASTM D882
Dart Drop Impact	180 g	180 g	ASTM D1709A
Elmendorf Tear Strength MD	300 g	300 g	ASTM D1922
Elmendorf Tear Strength TD	260 g	260 g	ASTM D1922

Optical Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Gloss (45°)	90	90	ASTM D2457
Haze	0.9 %	0.9 %	ASTM D1003

