

Escorene™ Ultra LD 713.93 Blown

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 713.93 is a 14.4 wt% vinyl acetate copolymer film resin. Film made from LD 713.93 exhibits very high impact strength, high clarity, and excellent heat sealability.

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	0.934 g/cm ³	0.934 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	3.5 g/10 min	3.5 g/10 min	ExxonMobil Method
Vinyl Acetate Content	14.4 wt%	14.4 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	4600 psi	32 MPa	ASTM D882
Tensile Strength at Break TD	3600 psi	25 MPa	ASTM D882
Elongation at Break MD	330 %	330 %	ASTM D882
Elongation at Break TD	680 %	680 %	ASTM D882
Secant Modulus MD - 1% Secant	8600 psi	59 MPa	ASTM D882
Secant Modulus TD - 1% Secant	10000 psi	70 MPa	ASTM D882
Dart Drop Impact	300 g	300 g	ASTM D1709A
Elmendorf Tear Strength MD	90 g	90 g	ASTM D1922
Elmendorf Tear Strength TD	70 g	70 g	ASTM D1922

Optical Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Gloss (45°)	86	86	ASTM D2457
Haze	1.6 %	1.6 %	ASTM D1003

