

Escorene™ Ultra LD 730.09 Molding

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene™ Ultra LD 730.09 is a high vinyl acetate copolymer resin with low melting temperature and excellent strength properties and toughness.

General

Availability ¹	▪ Latin America	▪ North America
Additive	▪ LD 730.09: Antiblock: No; Slip: No; Thermal Stabilizer: Yes	
Applications	▪ Foams	▪ Profile Extrusion
Revision Date	▪ 11/29/2018	

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.940 g/cm ³	0.940 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	0.70 g/10 min	0.70 g/10 min	ASTM D1238
Vinyl Acetate Content	17.2 wt%	17.2 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	149 °F	65 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	2100 psi	15 MPa	ASTM D638
Elongation at Break	720 %	720 %	ASTM D638
Flexural Modulus - 1% Secant	9400 psi	65 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	91	91	
Shore D, 15 sec	36	36	

