

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

Additive	▪ LD 730.09: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
Applications	▪ Foams	▪ Profile Extrusion	

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	

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

The test specimens were prepared using ASTM D4703, Procedure 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.