Escorene™ Ultra LD 730.NM Molding

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene™ Ultra LD 730.NM 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.NM: Antiblock: No; Slip: No; Thermal Stabilizer: Yes	
Applications	▪ Foams	▪ Profile Extrusion
Revision Date	▪ 06/11/2020	

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.940	g/cm³	0.940	g/cm³	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	65.0	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	2100	psi	15	MPa	ExxonMobil Method
Elongation at Break	717	%	717	%	ExxonMobil Method
Flexural Modulus - 1% Secant	9400	psi	65	MPa	ExxonMobil Method
Durometer Hardness					ExxonMobil Method
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

All physical properties were measured on compression molded specimens.

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.

ExxonMobil

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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