

Escorene™ Ultra LD 728 Series

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene™ Ultra LD 728 Series are high vinyl acetate copolymer resins with low melting temperature and excellent strength properties and toughness.

General

Availability ¹	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ LD 728.PM: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
	▪ LD 728.61: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
Applications	▪ Foams ▪ Injection Molding	▪ Profile Extrusion ▪ Shoe Soles	

Revision Date

▪ 11/29/2019

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.943 g/cm ³	0.943 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Vinyl Acetate Content	18.2 wt%	18.2 wt%	ExxonMobil Method
Peak Melting Temperature	185 °F	85 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	142 °F	61 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	1900 psi	13 MPa	ASTM D638
Elongation at Break	690 %	690 %	ASTM D638
Flexural Modulus - 1% Secant	8100 psi	56 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	91	91	
Shore D, 15 sec	33	33	

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.

HongRong Engineering Plastics Co.,Ltd.
Head Office Tel. +85-2-6957-5415
Research Center Tel.+188 1699 6168

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HongRong Engineering Plastics Co.,Ltd.
Head Office Tel. +852-6957-5415
Research Center Tel.+188 1699 6168