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	▪ 06/11/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.943	g/cm³	0.943	g/cm³	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	61.0	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	1900	psi	13	MPa	ExxonMobil Method
Elongation at Break	686	%	686	%	ExxonMobil Method
Flexural Modulus - 1% Secant	8100	psi	56	MPa	ExxonMobil Method
Durometer Hardness					ExxonMobil Method
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

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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