ExxonMobil Signature Polymers

ExxonMobil™ EVA 23019.28 Molding

(Legacy name: Escorene™ Ultra LD 723.28 Molding)

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 23019.28 is an 18.5% vinyl acetate copolymer suitable for injection molding and compounding applications.

General

Availability [1]	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding ▪ Extrusion Compounds	▪ Injection Molding ▪ Molding Compounds	
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.941	g/cm³	0.941	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	23	g/10 min	23	g/10 min	ASTM D1238
Vinyl Acetate Content	18.5	wt%	18.5	wt%	ExxonMobil Method
Peak Melting Temperature	181	°F	83	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	126	°F	52.0	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	1200	psi	8.5	MPa	ExxonMobil Method
Elongation at Break	591	%	591	%	ExxonMobil Method
Flexural Modulus - 1% Secant	7100	psi	49	MPa	ExxonMobil Method
Durometer Hardness					ExxonMobil Method
Shore A, 15 sec	89		89		
Shore D, 15 sec	30		30		

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.

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

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