ExxonMobil Signature Polymers

ExxonMobil™ EVA 43031.CD

(Legacy name: Escorene™ Ultra LD 783.CD)

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 43031.CD is a 31.4% VA copolymer that is suitable for making a variety of specialty molding and extrusion compounds. It has high clarity and very low modulus. EVA 43031.CD contains an additive package to improve pellet flowability and handling.

General

Availability [1]	▪ Latin America	▪ North America	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Crosslinkable Compounds ▪ Extrusion Compounds	▪ Molding Compounds ▪ Wire and Cable Compounds	
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.955	g/cm³	0.955	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	43	g/10 min	43	g/10 min	ASTM D1238
Vinyl Acetate Content	31.4	wt%	31.4	wt%	ExxonMobil Method
Peak Melting Temperature	138	°F	59	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	> 580	psi	> 4.0	MPa	ExxonMobil Method
Elongation at Break	> 723	%	> 723	%	ExxonMobil Method
Flexural Modulus - 1% Secant	1400	psi	9.6	MPa	ExxonMobil Method
Durometer Hardness					ExxonMobil Method
Shore A, 15 sec	63		63		
Shore D, 15 sec	13		13		

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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