ExxonMobil Signature Polymers

ExxonMobil™ EVA 9009FL

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 9009FL is used in extrusion coating, cast film and co-extrusion . ExxonMobil™ EVA 9009FL is a good sealing material with good optical properties. Processing Conditions Excellent results are obtained in extrusion coating at 250°C (482°F) temperature range. Processing temperatures above 270°C (518°F) may cause resin degradation. ExxonMobil™ EVA 9009FL should be fed into the extruder after LDPE of a similar or higher melt index. Machinesshould always be purged with LDPE or a suitable cleaning compound beforeshutdown.

General

Availability [1]	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Adhesion Promoter ▪ Barrier Food Packaging ▪ Coextrusion Coating	▪ Extrusion Coating ▪ Extrusion Lamination ▪ Flexible Packaging	▪ Injection Molding
Revision Date	▪ 01/01/2018		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.929	g/cm³	0.929	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	9.0	g/10 min	9.0	g/10 min	ASTM D1238
Vinyl Acetate Content	9.4	wt%	9.4	wt%	ExxonMobil Method
Peak Melting Temperature	202	°F	94	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	157	°F	70	°C	ASTM D1525

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	13000	psi	93	MPa	ASTM D638
Tensile Strength at Break					ASTM D638
20 in/min (500 mm/min)	1700	psi	12	MPa	
Elongation at Break (20 in/min (500 mm/min))	810	%	810	%	ASTM D638
Durometer Hardness					ASTM D2240
Shore A, 15 sec	95		95		
Shore D, 15 sec	39		39		

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

Molded properties were measured on 2 mm (78.7 mil) thick compression molded plaques prepared based on ASTM D4703 Procedure C (Tensile ASTM D638 : Type IV dumbbell, Hardness ASTM D2240 : 3 plied up disks) and 4 mm (157 mil) for VICAT.

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: Contact Us

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