

ExxonMobil™ EVA 400027 Series

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 400027 is a very high flow, 26.7% VA copolymer that has very good compatibility with hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants and wax blends. UL 7711E contains an additive package to improve pellet flowability and handling.

General

Availability ¹	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ EVA 400027: Antiblock: No; Slip: No; Thermal Stabilizer: Yes ▪ EVA 400027.E: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
Applications	▪ Adhesives and Sealants ▪ Hot Melt Adhesives	▪ Industrial Sealants ▪ Wax Blends	
Form(s)	▪ Pellets		
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.941 g/cm ³	0.941 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	400 g/10 min	400 g/10 min	ASTM D1238
Vinyl Acetate Content	26.7 wt%	26.7 wt%	ExxonMobil Method
Peak Melting Temperature	151 °F	66 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	113 °F	45.0 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	260 psi	1.8 MPa	ExxonMobil Method
Elongation at Break	287 %	287 %	ExxonMobil Method
Flexural Modulus - 1% Secant	2200 psi	15 MPa	ExxonMobil Method
Durometer Hardness			ExxonMobil Method
Shore A, 15 sec	69	69	
Shore D, 15 sec	16	16	

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: Contact Us](#)

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