

ExxonMobil™ EVA 3818.22

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 3818.22 is a high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness.

General

Availability ¹	▪ Asia Pacific	▪ North America	
Additive	▪ Processing Aid: No	▪ Thermal Stabilizer: Yes	
Applications	▪ Compounding	▪ Molding Compounds	▪ Profile Extrusion
Form(s)	▪ Pellets		
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.940 g/cm ³	0.940 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	3.8 g/10 min	3.8 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 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	138 °F	59.0 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	1600 psi	11 MPa	ExxonMobil Method
Elongation at Break	648 %	648 %	ExxonMobil Method
Flexural Modulus - 1% Secant	7900 psi	55 MPa	ExxonMobil Method
Durometer Hardness			ExxonMobil Method
Shore A, 15 sec	90	90	
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.

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For additional technical, sales and order assistance: [Contact Us](#)

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