ExxonMobil Signature Polymers

ExxonMobil™ EVA 45033.EH2

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 45033.EH2 is a copolymer of ethylene and vinyl acetate.

General

Availability [1]	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No ▪ Slip: No	▪ Thermal Stabilizer: Yes ▪ Free Flowing Agent: Yes	
Applications	▪ Compounding	▪ Hot Melt Adhesives	▪ Wire and Cable Compounds
Form(s)	▪ Pellets		
Revision Date	▪ 01/01/2017		

Resin Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Density	0.956	g/cm³	0.956	g/cm³	ASTM D1505
Melt Index [2] (190°C/2.16 kg)	45	g/10 min	45	g/10 min	ASTM D1238
Vinyl Acetate Content	33.0	wt%	33.0	wt%	ExxonMobil Method
Peak Melting Temperature	142	°F	61	°C	ExxonMobil Method

Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	91	°F	33	°C	ASTM D1525

Molded Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	1100	psi	7.5	MPa	ASTM D638
Tensile Strength at Break					ASTM D638
20 in/min (500 mm/min)	1000	psi	7.0	MPa	
Elongation at Break (20 in/min (500 mm/min))	1000	%	1000	%	ASTM D638
Durometer Hardness					ASTM D2240
Shore A, 15 sec	64		64		
Shore D, 15 sec	12		12		

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 D 4703 Procedure C (Tensile ASTM D 638 : Type IV dumbbell, Hardness ASTM D 2240 : 3 plied up disks).

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.

[2] Value reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions, based on ASTM D 1238.

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For additional technical, sales and order assistance: Contact Us

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