ExxonMobil Signature Polymers

ExxonMobil™ EVA 400028.CC

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 400028.CC 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: No	
Applications	▪ 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	0.948	g/cm³	0.948	g/cm³	ASTM D1505
Melt Index [2] (190°C/2.16 kg)	400	g/10 min	400	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	28.0	wt%	ExxonMobil Method
Peak Melting Temperature	153	°F	67	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	1600	psi	11	MPa	ASTM D638
Tensile Strength at Break 20 in/min (500 mm/min)	350	psi	2.4	MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	580	%	580	%	ASTM D638
Durometer Hardness (Shore A)	73		73		ASTM D2240

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

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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