

Product Datasheet



Escorene™ Ultra UL 40028EM1

Ethylene Vinyl Acetate Copolymer Resin

Product Description

UL 40028EM1 is a copolymer of ethylene and vinyl acetate.

General

Availability ¹	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Thermal Stabilizer: Yes	
	▪ Slip: No	▪ Free Flowing Agent: Yes	
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/cm ³	0.948 g/cm ³	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			ASTM D638
20 in/min (500 mm/min)	350 psi	2.4 MPa	
Elongation at Break	580 %	580 %	ASTM D638
(20 in/min (500 mm/min))			
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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