

Product Datasheet



Escorene™ Ultra UL 00218CC3

Ethylene Vinyl Acetate Copolymer Resin

Product Description

UL 00218CC3 is a copolymer of ethylene and vinyl acetate. Processing Conditions Processing temperatures above 240 °C (464 °F) may cause resin degradation.

General

Availability ¹	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding	▪ Injection Molding	
	▪ Hot Melt Adhesives	▪ Wire and Cable Compounds	
Revision Date	▪ 01/01/2017		

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)	1.7 g/10 min	1.7 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 wt%	ExxonMobil Method
Peak Melting Temperature	188 °F	87 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	143 °F	62 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	6700 psi	46 MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100 %	> 100 %	ASTM D638
Durometer Hardness (Shore A, 15 sec)	90	90	ASTM D2240

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.

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ExxonMobil

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