

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 ▪ Hot Melt Adhesives | ▪ Injection Molding ▪ Wire and Cable Compounds | |
| Revision Date | ▪ 03/01/2013 | | |

| Resin Properties | Typical Value (English) | Typical Value (SI) | Test Based On |
|----------------------------|-------------------------|-------------------------|-------------------|
| Density | 0.940 g/cm ³ | 0.940 g/cm ³ | ExxonMobil Method |
| 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 | 189 °F | 87 °C | ExxonMobil Method |

| Thermal | Typical Value (English) | Typical Value (SI) | Test Based On |
|-----------------------------|-------------------------|--------------------|---------------|
| Vicat Softening Temperature | 144 °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.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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