

ExxonMobil™ EVA 145028.CC

(Legacy name: Escorene™ Ultra UL 15028CC)

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 145028.CC 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: No | |
| Applications | ▪ Hot Melt Adhesives | | |
| 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) | 145 g/10 min | 145 g/10 min | ASTM D1238 |
| Vinyl Acetate Content | 27.5 wt% | 27.5 wt% | ExxonMobil Method |
| Peak Melting Temperature | 154 °F | 68 °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) | 520 psi | 3.6 MPa | |
| Elongation at Break | 860 % | 860 % | ASTM D638 |
| (20 in/min (500 mm/min)) | | | |
| Durometer Hardness (Shore A, 15 sec) | 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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