

Escorene™ Ultra FL 00714

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

Message:

FL 00714 is an easy-to-process brand for extrusion coating, coextrusion coating and casting film. This brand has good heat sealing and optical properties. Excellent extrusion coating effect can be obtained at 240°C (464 °F). Processing temperatures above 250°C (482 °F) may cause resin degradation. FL00714 should be put into the extruder after low density polyethylene with similar or higher melt index. The machine should be thoroughly cleaned with low density polyethylene or suitable detergent before stopping.

| General Information | | | |
|--|-----------------|----------|-------------------|
| Additive | heat stabilizer | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 7.5 | g/10 min | ASTM D1238 |
| Vinyl Acetate Content | 14.0 | wt% | ExxonMobil Method |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 91 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus ¹ | 60.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | > 100 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 60.0 | °C | ASTM D1525 |
| Legal statement | | | |
| 本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系. | | | |
| Extrusion instructions | | | |
| Excellent results are obtained in extrusion coating at 240°C (464°F) temperature range. Processing temperatures above 250°C (482°F) may cause resin degradation. FL00714 should be fed into the extruder after LDPE of a similar or higher melt index. Machines should always be purged with LDPE or a suitable cleaning compound before shutdown. | | | |
| NOTE | | | |
| 1. | 5.0 mm/min | | |
| 2. | 500 mm/min | | |

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