

Escorene™ Ultra FL 00714

Ethylene Vinyl Acetate Copolymer Resin

Product Description

FL 00714 is an easy processable grade for extrusion coating, co-extrusion coating and cast film. This grade offers excellent heat sealing characteristics and excellent optical properties. Processing Conditions 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.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Adhesive Lamination ▪ Barrier Food Packaging ▪ Cling Layer Coextrusion Coating	▪ Document Plastification ▪ Extrusion Coating ▪ Extrusion Lamination Flexible Packaging	▪ Industrial Packaging ▪ Injection Molding ▪ Thermal Lamination

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.934 g/cm ³	0.934 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	7.5 g/10 min	7.5 g/10 min	ASTM D1238
Vinyl Acetate Content	14.0 wt%	14.0 wt%	ExxonMobil Method
Peak Melting Temperature	196 °F	91 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	140 °F	60 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	8700 psi	60 MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100 %	> 100 %	ASTM D638
Durometer Hardness (Shore A, 15 sec)	91	91	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.