

Escorene™ Ultra FL 00623

Ethylene Vinyl Acetate Copolymer Resin

Product Description

FL 00623 is a good coextrusion partner in extrusion coating, blown and cast film. Excellent sealing material with a very low seal initiation temperature. Maximum processing temperature is 230°C (428°F).

General

Availability ¹	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Adhesive Layer onto OPP ▪ Barrier Food Packaging ▪ Cling Layer ▪ Coextrusion Coating ▪ Extrusion Coating	▪ Extrusion Lamination ▪ Flexible Packaging ▪ High Frequency Sealing ▪ Industrial Packaging ▪ Injection Molding	▪ PVC Replacement ▪ Surface Protection Film ▪ Wire and Cable Compounds
Revision Date	▪ 03/01/2013		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.947 g/cm ³	0.947 g/cm ³	ExxonMobil Method
Melt Index ²	5.5 g/10 min	5.5 g/10 min	ExxonMobil Method
Vinyl Acetate Content	23.0 wt%	23.0 wt%	ExxonMobil Method
Peak Melting Temperature	176 °F	80 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	124 °F	51 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	4400 psi	30 MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100 %	> 100 %	ASTM D638
Durometer Hardness (Shore A, 15 sec)	87	87	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.

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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