ExxonMobil

Escorene™ Ultra FL 00909

Ethylene Vinyl Acetate Copolymer Resin

Product Description

FL 00909 is used in extrusion coating, cast film and co-extrusion . FL 00909 is a good sealing material with good optical properties. Processing Conditions Excellent results are obtained in extrusion coating at 250°C (482°F) temperature range. Processing temperatures above 270°C (518°F) may cause resin degradation. FL00909 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

Availability [1]	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Adhesion Promoter ▪ Barrier Food Packaging ▪ Coextrusion Coating	▪ Extrusion Coating ▪ Extrusion Lamination ▪ Flexible Packaging	▪ Injection Molding
Revision Date	▪ 03/01/2013		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.928	g/cm³	0.928	g/cm³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	9.0	g/10 min	9.0	g/10 min	ASTM D1238
Vinyl Acetate Content	9.4	wt%	9.4	wt%	ExxonMobil Method
Peak Melting Temperature	207	°F	97	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	160	°F	71	°C	ASTM D1525

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	13000	psi	90	MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100	%	> 100	%	ASTM D638
Durometer Hardness (Shore A, 15 sec)	94		94		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.

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