Escorene™ Ultra FL 00728CC

Ethylene Vinyl Acetate Copolymer Resin

Product Description

FL 00728CC is an excellent coextrusion partner in extrusion coating, blown and cast film. Good adhesion onto OPP in coextrusion. This grade offers excellent opticals, low gel and a very low Seal InitiationTemperature in sealing applications. Processing Conditions Excellent results are obtained in extrusion coating at 200 °C (392°F) temperature range. Processing temperatures above 220°C (428°F) may cause resin degradation. FL00728CC 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: Yes ▪ Free Flowing Agent: No	
Applications	▪ Adhesive Lamination ▪ Adhesive Layer onto OPP ▪ Cling Layer ▪ Coextrusion Coating ▪ Compounding	▪ Extrusion Coating ▪ Extrusion Lamination ▪ High Frequency Sealing ▪ Industrial Packaging ▪ Injection Molding	▪ Masterbatch Base Resin ▪ Surface Protection Film ▪ Thermal Lamination
Revision Date	▪ 03/01/2013		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.951	g/cm³	0.951	g/cm³	ExxonMobil Method
Melt Index [2]	7.0	g/10 min	7.0	g/10 min	ExxonMobil Method
Vinyl Acetate Content	27.5	wt%	27.5	wt%	ExxonMobil Method
Peak Melting Temperature	163	°F	73	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	109	°F	43	°C	ASTM D1525

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	2500	psi	17	MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100	%	> 100	%	ASTM D638
Durometer Hardness (Shore A, 15 sec)	80		80		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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