

Product Datasheet



Escorene™ Ultra FL 00206

Ethylene Vinyl Acetate Copolymer Resin

Product Description

FL 00206 is a copolymer of ethylene and vinyl acetate.

General

Availability ¹	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Co-Extrusion Films	▪ Injection Molding	
	▪ Form Fill And Seal Packaging	▪ Skin Packaging	
Revision Date	▪ 01/01/2017		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.926 g/cm ³	0.926 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	2.5 g/10 min	2.5 g/10 min	ASTM D1238
Vinyl Acetate Content	6.5 wt%	6.5 wt%	ExxonMobil Method
Peak Melting Temperature	210 °F	99 °C	ExxonMobil Method
Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	174 °F	79 °C	ASTM D1525
Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	19000 psi	130 MPa	ASTM D638
Tensile Strength at Break			ASTM D638
20 in/min (500 mm/min)	2000 psi	14 MPa	
Elongation at Break	740 %	740 %	ASTM D638
(20 in/min (500 mm/min))			
Durometer Hardness			ASTM D2240
Shore A, 15 sec	96	96	
Shore D, 15 sec	39	39	

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).

Processing temperatures above 280 °C (536 °F) may cause resin degradation. Machines should always be purged with LDPE or a suitable cleaning compound before shutdown.

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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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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