ExxonMobil Signature Polymers

ExxonMobil™ EVA 06519FL

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 06519FL is a fractional MI copolymer of ethylene and vinyl acetate offering low gel.

General

Availability [1]	▪ Africa & Middle East	▪ Asia Pacific	▪ Europe
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Agricultural Film	▪ Co-Extrusion Films	▪ High Frequency Sealing
Revision Date	▪ 01/01/2017		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.942	g/cm³	0.942	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	0.65	g/10 min	0.65	g/10 min	ASTM D1238
Vinyl Acetate Content	19.0	wt%	19.0	wt%	ExxonMobil Method
Peak Melting Temperature	186	°F	85	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	144	°F	62	°C	ASTM D1525

Film Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break MD	4800	psi	33	MPa	ASTM D882
Tensile Strength at Break TD	4400	psi	30	MPa	ASTM D882
Elongation at Break MD	610	%	610	%	ASTM D882
Elongation at Break TD	630	%	630	%	ASTM D882
Secant Modulus MD - 1% Secant	7800	psi	54	MPa	ASTM D882
Secant Modulus TD - 1% Secant	8100	psi	56	MPa	ASTM D882

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

Film properties were measured on a 100µm (3.94 mil) thick film extruded on a conventional LDPE extruder (screw diameter 60mm (2.36 in), rotating die diameter : 200mm (7.87 in), die gap : 1 mm (39.4mil), BUR 2.2:1, die temperature 190°C (374F))

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: Contact Us

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