

ExxonMobil™ EVA 5727.36

(Legacy name: Escorene™ Ultra LD 761.36)

Ethylene Vinyl Acetate Copolymer

Product Description

ExxonMobil™ EVA 5727.36 is a 26.7% VA copolymer with excellent flexibility and low temperature toughness. EVA 5727.36 has high filler acceptance.

General

Availability ¹	<ul style="list-style-type: none"> Asia Pacific Latin America North America
Additive	<ul style="list-style-type: none"> Antiblock: No Slip: No Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none"> Compounding Profile Extrusion Masterbatch Base Resin Tube Extrusion
Revision Date	<ul style="list-style-type: none"> 06/11/2020

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.953 g/cm ³	0.953 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	5.7 g/10 min	5.7 g/10 min	ASTM D1238
Vinyl Acetate Content	26.7 wt%	26.7 wt%	ExxonMobil Method
Peak Melting Temperature	162 °F	72 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	113 °F	45.0 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	> 1500 psi	> 10 MPa	ExxonMobil Method
Elongation at Break	> 800 %	> 800 %	ExxonMobil Method
Flexural Modulus - 1% Secant	3300 psi	23 MPa	ExxonMobil Method
Durometer Hardness			ExxonMobil Method
Shore A, 15 sec	82	82	
Shore D, 15 sec	27	27	

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

All physical properties were measured on compression molded specimens.

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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