

**ExxonMobil Escorene™ UL 7741 Ethylene Vinyl Acetate Copolymer**

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

**Material Notes:**

Availability: Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes

Applications:Adhesives and SealantsIndustrial SealantsHot Melt AdhesivesWax BlendsInformation provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-UL-7741-Ethylene-Vinyl-Acetate-Copolymer.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-UL-7741-Ethylene-Vinyl-Acetate-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in <sup>3</sup>	ExxonMobil method
Vinyl Acetate Content	26.7 %	26.7 %	ExxonMobil method
Melt Flow	43 g/10 min @Load 2.16 kg, Temperature 190 °C	43 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73 @Time 15.0 sec	73 @Time 0.00417 hour	ASTM D2240
Hardness, Shore D	22 @Time 15.0 sec	22 @Time 0.00417 hour	ASTM D2240
Tensile Strength at Break	3.79 MPa	550 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus, 1% Secant	20.0 MPa	2900 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	<= 157 °C	<= 315 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	40.0 °C	104 °F	ASTM D1525

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