

Escorene™ Ultra UL 7710 Series

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra UL 7710 is a very high flow, 26.7% VA copolymer that has very good compatibility with hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants and wax blends. UL 7710E contains an additive package to improve pellet flowability and handling.

General

Availability ¹	<ul style="list-style-type: none"> Latin America North America
Additive	<ul style="list-style-type: none"> UL 7710E: Antiblock: No; Slip: No; Thermal Stabilizer: Yes UL 7710: Antiblock: No; Slip: No; Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none"> Adhesives and Sealants Hot Melt Adhesives Industrial Sealants Wax Blends
Form(s)	<ul style="list-style-type: none"> Pellets
Revision Date	<ul style="list-style-type: none"> 01/01/2018

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.942 g/cm ³	0.942 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	420 g/10 min	420 g/10 min	ASTM D1238
Vinyl Acetate Content	26.7 wt%	26.7 wt%	ExxonMobil Method
Peak Melting Temperature	149 °F	65 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	117 °F	47 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	260 psi	1.8 MPa	ASTM D638
Elongation at Break	330 %	330 %	ASTM D638
Flexural Modulus - 1% Secant	2200 psi	15 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	71	71	
Shore D, 15 sec	17	17	

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

The test specimens were prepared using ASTM D4703, Procedure C. Melt Index reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions.

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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