Escorene™ Ultra UL 7840E

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra UL 7840E is a 31.4% VA copolymer that has good compatibility with both hydrocarbon and natural tackifiers, and is suitable for making hot melt adhesives and sealants. UL 7840E contains an additive package to improve pellet flowability and handling.

General

Availability [1]	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Adhesives and Sealants	▪ Hot Melt Adhesives	▪ Industrial Sealants
Form(s)	▪ Pellets		
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.954	g/cm³	0.954	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	43	g/10 min	43	g/10 min	ASTM D1238
Vinyl Acetate Content	31.4	wt%	31.4	wt%	ExxonMobil Method
Peak Melting Temperature	142	°F	61	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	118	°F	48.0	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Break	> 580	psi	> 4.0	MPa	ExxonMobil Method
Elongation at Break	> 800	%	> 800	%	ExxonMobil Method
Flexural Modulus - 1% Secant	1900	psi	13	MPa	ExxonMobil Method
Durometer Hardness					ExxonMobil Method
Shore A, 15 sec	68		68		
Shore D, 15 sec	14		14		

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

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.

ExxonMobil

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

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