

Escorene™ Ultra UL 7521

Ethylene Vinyl Acetate Copolymer Resin

Product Description

UL 7521 is a high flow, 18.5% VA copolymer that has very good compatibility with hydrocarbon tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants and wax blends.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Adhesives and Sealants ▪ Hot Melt Adhesives	▪ Industrial Sealants ▪ Wax Blends	
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.933 g/cm ³	0.933 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	150 g/10 min	150 g/10 min	ASTM D1238
Vinyl Acetate Content	18.5 wt%	18.5 wt%	ExxonMobil Method
Peak Melting Temperature	175 °F	80 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	110 °F	44 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	500 psi	3.4 MPa	ASTM D638
Elongation at Break	610 %	610 %	ASTM D638
Flexural Modulus - 1% Secant	5600 psi	39 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	80	80	
Shore D, 15 sec	28	28	

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

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.