

Escorene™ Ultra UL 7720

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra UL 7720 is a high flow, 27.6% 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.

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	0.945 g/cm ³	0.945 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	27.6 wt%	27.6 wt%	ExxonMobil Method
Peak Melting Temperature	151 °F	66 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	124 °F	51 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	330 psi	2.3 MPa	ASTM D638
Elongation at Break	520 %	520 %	ASTM D638
Flexural Modulus - 1% Secant	2700 psi	19 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	75	75	
Shore D, 15 sec	19	19	

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.