

Escorene™ Ultra UL 7711 Series

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra UL 7711 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 7711E contains an additive package to improve pellet flowability and handling.

General

Additive	- UL 7711E: Antiblock: No; Slip: No; Thermal Stabilizer: Yes - UL 7711: 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	0.941 g/cm ³	0.941 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	400 g/10 min	400 g/10 min	ASTM D1238
Vinyl Acetate Content	26.7 wt%	26.7 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	113 °F	45 °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	290 %	290 %	ASTM D638
Flexural Modulus - 1% Secant	2200 psi	15 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	69	69	
Shore D, 15 sec	16	16	

