

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	

