

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	

