

ExxonMobil Escorene® UL 8705E Adhesive Application Resin

Category : Polymer , Adhesive , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

Material Notes:

Escorene Ultra UL 8705 is a relatively low viscosity, 29% vinyl acetate copolymer specifically tailored for enhanced modulus/tensile performance at the same viscosity of similar materials. It has good compatibility with both hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, glue sticks, sealants and wax blends. UL 8705E contains an additive package to improve pellet flowability and handling. Availability: Asia Pacific, Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications: Adhesives and Sealants Glue Sticks Industrial Sealants Low Viscosity Adhesives Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-UL-8705E-Adhesive-Application-Resin.php

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in ³	ExxonMobil Method
Viscosity	9300 cP @Temperature 190 °C	9300 cP @Temperature 374 °F	ASTM D3236
Vinyl Acetate Content	27.6 %	27.6 %	ExxonMobil Method
Melt Flow	800 g/10 min @Load 2.16 kg, Temperature 190 °C	800 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	15s; ASTM D2240
Hardness, Shore D	18	18	15s; ASTM D2240
Tensile Strength at Break	1.93 MPa	280 psi	ASTM D638
Elongation at Break	360 %	360 %	ASTM D638
Flexural Modulus	0.0199 GPa	2.89 ksi	1% secant; ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	71.1 °C	160 °F	Peak Melting Temperature; ExxonMobil Method

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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