

ExxonMobil Escorene® UL 7765 Adhesive Application Resin

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

Material Notes:

Escorene Ultra UL 7765 is a high viscosity, 26.2% vinyl acetate copolymer that has very good flexibility and low temperature toughness. It has good compatibility with both hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants and wax blends. The resin accepts high filler level and is therefore suitable for W&C applications, in particular for haolgen free, flame retardant compounds. Availability: Asia Pacific, Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications:Adhesives and SealantsHot Melt AdhesivesIndustrial SealantsWax BlendsBonding AdhesivesWire and Cable Compounds Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-UL-7765-Adhesive-Application-Resin.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	26.2 %	26.2 %	ExxonMobil Method
Melt Flow	2.30 g/10 min @Load 2.16 kg, Temperature 190 °C	2.30 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	15s; ASTM D2240
Hardness, Shore D	23	23	15s; ASTM D2240
Tensile Strength at Break	11.7 MPa	1700 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0296 GPa	4.30 ksi	1% secant; ASTM D790
Dart Drop, Total Energy	21.7 J @Temperature 22.8 °C	16.0 ft-lb @Temperature 73.0 °F	ASTM D3736
	24.4 J @Temperature -40.0 °C	18.0 ft-lb @Temperature -40.0 °F	ASTM D3736

Thermal Properties	Metric	English	Comments
Melting Point	73.9 °C	165 °F	Peak Melting Temperature; ExxonMobil Method

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Thermal Stabilizer	Comments
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