

ExxonMobil Escorene™ UL 7760 Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: Escorene Ultra UL 7760 is a high viscosity, 26.7% VA copolymer that has very good flexibility and low temperature toughness. It has good compatibility with both hydrocarbon and natural tackifiers and most waxes, and is suitable for making hot melt adhesives, sealants and wax blends.
Availability: Latin America, North America and South America
Additive: Antiblock: NoSlip: NoThermal
Stabilizer: Yes
Applications:Adhesives and SealantsIndustrial SealantsHot Melt AdhesivesWax BlendsBonding AdhesivesInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-UL-7760-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ExxonMobil method
Vinyl Acetate Content	26.7 %	26.7 %	ExxonMobil method
Melt Flow	5.7 g/10 min @Load 2.16 kg, Temperature 190 °C	5.7 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76 @Time 15.0 sec	76 @Time 0.00417 hour	ASTM D2240
Hardness, Shore D	27 @Time 15.0 sec	27 @Time 0.00417 hour	ASTM D2240
Tensile Strength at Break	8.27 MPa	1200 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus, 1% Secant	28.3 MPa	4100 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	<= 163 °C	<= 325 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	46.1 °C	115 °F	ASTM D1525

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