

Escorene™ Ultra UL 7760

Ethylene Vinyl Acetate Copolymer Resin

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.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Adhesives and Sealants ▪ Bonding Adhesives	▪ Hot Melt Adhesives ▪ Industrial Sealants	▪ Wax Blends
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.951 g/cm ³	0.951 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	5.7 g/10 min	5.7 g/10 min	ASTM D1238
Vinyl Acetate Content	26.7 wt%	26.7 wt%	ExxonMobil Method
Peak Melting Temperature	163 °F	73 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	147 °F	64 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	> 1300 psi	> 9.0 MPa	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	4100 psi	28 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	82	82	
Shore D, 15 sec	28	28	

