

Escorene™ Ultra UL 00218CC3

Ethylene Vinyl Acetate Copolymer Resin

Product Description

UL 00218CC3 is a copolymer of ethylene and vinyl acetate. Processing Conditions Processing temperatures above 240 °C (464 °F) may cause resin degradation.

General

Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Compounding ▪ Hot Melt Adhesives	▪ Injection Molding ▪ Wire and Cable Compounds	

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.940 g/cm ³	0.940 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	1.7 g/10 min	1.7 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 wt%	ExxonMobil Method
Peak Melting Temperature	189 °F	87 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	144 °F	62 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	6700 psi	46 MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100 %	> 100 %	ASTM D638
Durometer Hardness (Shore A, 15 sec)	90	90	ASTM D2240

