

Escorene™ Ultra UL 00514

Ethylene Vinyl Acetate Copolymer Resin

Product Description

UL 00514 is a copolymer of ethylene and vinyl acetate. Processing Conditions Processing temperatures above 250 °C (482 °F) may cause resin degradation.

General

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

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.934 g/cm ³	0.934 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Vinyl Acetate Content	14.0 wt%	14.0 wt%	ExxonMobil Method
Peak Melting Temperature	194 °F	90 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	142 °F	61 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus (0.20 in/min (5.0 mm/min))	7700 psi	53 MPa	ASTM D638
Elongation at Break (20 in/min (500 mm/min))	> 100 %	> 100 %	ASTM D638

