



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

Availability ¹	• Africa & Middle East	• Asia Pacific	• Europe
Additive	• Antiblock: No	• Slip: No	• Thermal Stabilizer: Yes
Applications	• Compounding • Hot Melt Adhesives	• Injection Molding • Wire and Cable Compounds	
Revision Date	• March 2013		

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