

UL 00218

Product Description

UL00218 is a copolymer of Ethylene-Vinyl Acetate (EVA) with medium Vinyl-Acetate content, which is produced by ExxonMobil Chemical’ s autoclave process technology. It contains antioxidant additives.

Applications

Crosslinked Foams, Wire and Cable Compounds, Cast Films, Sheet Extrusion

Physical Properties

Property	Unit	Typical Value	Test Method
Melt flow rate	g/10min	2.5	ExxonMobil Method
Vinyl Acetate Content	Wt.%	18.5	ExxonMobil Method
Density	g/cm ³	0.941	ExxonMobil Method
Tensile Strength	MPa	16.0	GB/T 1040.2-2006
Elongation	%	800	GB/T 1040.2-2006
Melting Point	C	86	ASTM D3418
Vicat Softening Temperature	C	62	ASTM D1525
Hardness	(Shore A, 15s)	88	GB/T 2411-2008

Note: The data reported are typical laboratory average, not to be construed as specifications.

PROCESSING

This polymer can be processed on conventional extrusion equipment. It is recommended that the melt temperature be kept below 240°C as degradation may occur at higher temperatures.

STORAGE

UL00218 should be stored in its original packaging at room temperature at a dry place. Direct sun radiation or contact with water should be avoided. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.