

## ASTM Property

<b>Grade</b>	VC590
<b>Product</b>	EVA

### General Information

#### Key Features

VC590 is manufactured by high pressure autoclave process and designed for base resin of variety of wire & cable compounds such as semi-conductive compound, flame retardant compound. Also VC590 has excellent foaming performance. It is well known for its excellent processability, filler loadability and high quality assurance.

#### Applications

Semi-conductive compounds of wire & Cable  
 Very Good Mechanical Properties  
 Excellent Loading Property of Various Additives  
 Excellent Foam Molding Property (High shock absorption for shoes)

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	4.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.952
Vinyl Acetate Content	LDP Method	%	28
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	200
Tensile Strain (Break)	ASTM D638	%	800
<b>Thermal</b>			
Melting Point	LDP Method	°C	72
VICAT Softening Temperature	ASTM D1525	°C	47
<b>Additional Properties</b>			
Hardness (Shore D)	ASTM D2240	D scale	30

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001

\* The last update date : 2026/06/01