

DATASHEET

ASTM Property



Grade	VC590
Product	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. VC590 is well known for its excellent processability, filler loadability and high quality assurance.

Applications

Excellent Foam Molding Property
Very Good Mechanical Properties
Excellent Loading Property of Various Fillers

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

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01