



深圳市正安有机硅材料有限公司  
Shenzhen genvan silicone materials co.,ltd  
东莞市正安有机硅科技有限公司  
Dongguan genvan silicone technology co.,ltd

## GA-9442/GA-9443series heat cure rubber

43hardness shoreA, DBPMH, Medium and high voltage insulation silicone rubber

### Feature

- Injection molding
- Anti-pollution and anti-aging
- Excellent electrical performance
- Excellent weatherability

### Application

- Cable terminal
- Electric cable accessories
- Shrinkage product

### Typical characteristics

Product code	GA-9442	GA-9443
William plasticity	160	160
Hardness (ShoreA)	43	43
Density(g/cm <sup>3</sup> )	1.125	1.14
Tensile strength(Mpa)	10.0	10.0
Elongation(%)	700	700
Fixed tensile set (200%*175°C*8H*30min)	7	7
Tear strength(KN/m)	25	25
Dielectric constant at 100HZ	3.03	3.03
Dissipation factor at 100HZ	0.0029	0.0029
Tracking resistance	--	1A3.5
Dielectric strength(KV/mm)	24.3	24.3
Volume resistivity(Ohm.cm)	1.0*10 <sup>15</sup>	1.0*10 <sup>15</sup>

#### Remark:

1. The above data obtained from through using 0.6% of 95%peroxide (DBPMH) in pressurized solidification for 10 minutes at 170°C to make a 2 mm thickness specimen by 200°C\*4h secondary vulcanization detection.

2.The above data is not for specification customized, before make this product specification, please contact genvan sales person.



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### **Description**

GA-9442/GA-9443 products have good fluidity, suitable for high voltage injection molding, compression molding or extrusion molding technique to produce power cable accessories.

### **Application, coloring, modifying, mixing**

Product is faint yellow, can be colored, keep the color of the pigment itself.

This product can provide grey product, if have color requirement, please contact Genvan company local sales or customer service.

### **Storage&period of validity**

The product is stored unopened at 50°C or below the shelf life is 6 months from the date of production;

Out of the expiration date, it shall be fully tested. determine to meet the customer's own product specifications, only continue to use

### **Package**

The product by standard measurement, plastic film packaging, for 20kgs/ box.Samples available

### **Product safety info.**

This information does not include safety info. for how to use this product safely.

Please read product,safety data sheet,labels on product packing container before operation.

For safety data sheet, can log in [www.genvan.com](http://www.genvan.com) to download or obtain from Genvan company sales person.



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### **Limited warranty information - please read carefully**

◆Based on the premise of good faith, provided here information should be considered accurate.However, Due to the condition and method of using our company product is beyond our control. This information can not replace the relevant testing from customer to assure our company product safety, effective,and fully meet final application.The using suggestions we offered ,can not be deemed to infringe any patent right' s reason.

◆Genvan's only guarantee is the company's products in all the necessary tests were carried out before shipment the test data conform to the factory standard.

Genvan emphasizes that no any promise of compensation for any indirection or attachment damage incurred

◆Due to different testing production conditions, we cannot make sure we both get the same test results users are advised to use their own testing conditions to get the data as the using performance properties.

◆Any of the above performance data and applicable recommendations, only is one of use references for the performance of Genvan products instead of the guarantee for the effectiveness or universality of Genvan products in a particular application

◆We reserve the right to change the parameters of the product without further notice.