



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-8175PZH Heat Resistant and Flame Retardant Silicone Rubber

### Feature

- Complies with EN50382-2 and EN45545-2

### Application

- Power Cables
- Flame retardant miscellaneous parts

### Typical Characteristics

Product code	GA-8175PZH
Appearance	Grey
William plasticity	250
Hardness(ShoreA)	70
Density(g/cm <sup>3</sup> )	1.47
Tensile strength(Mpa)	8.3
Elongation(%)	230
Tear strength(Mpa)	14
200℃*240H Tensile strength after aging	6.5
200℃*240H Elongation after aging	160

### Remark:

1. The above data obtained from testing through using 50% DCBP in pressurized solidification for 10 minutes at 120℃,15Mpa to make a 2 mm thickness specimen.
- 2.The above data is not for specification customized, before make this product specification, please contact Genvan sales person.

### Description

GA-8175PZH series product have excellent heat resistance property, suitable for compression molding and extrusion molding. Product contact with food need to do two-process treatment at 200℃ 4hours.

### Application, coloring, modifying, mixing

Products can be colored to maintain the color of the pigment itself.

can use Genvan's additive to the properties,like aging resistance,compression deformation of the product,more detailed info. for how to use the additives,please contact Genvan company or customer service.



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### **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.

### **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 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.