

低压缩永久变形硅橡胶

TY9551-60

Low Compression Set Type Silicone Rubber

## 一、简述 BRIEF INTRODUCTION

- 低压缩永久变形，模压型热硫化硅橡胶

Low compression permanent deformation, Moulded type hot vulcanized silicone rubber.

## 二、主要特征 KEY FEATURES

- 低压缩永久变形

Low Compression Set Type

- 符合RoHS认证

Conform to the RoHS Certification

- 优良的机械性能

Excellent Mechanical Properties

- 优良的加工性能

Excellent process ability

## 三、主要用途 APPLICATIONS

- 胶辊

Rollers

- 其它工业杂件

Other miscellaneous pieces of industries

## 四、包装 PACKAGING

- 20Kg纸箱包装，内衬PE塑料袋

20kg / box.

## 五、运输，安全及储存注意事项 NOTICE FOR TRANSPORTATION, SAFETY AND STORAGE

- 产品安全信息不包括产品的具体使用指导。

Product safety information required for safe use is not included.

- 使用前，请仔细阅读产品的使用说明和产品安全数据表，以及产品包装上的指示说明，（用户若需要详细的安全信息，请向销售办事处索取材料安全数据表）。

Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Wynca Tinyo Silicone CO.,LTD

地址(Address): 中国广东省清远市高新技术产业开发区井岭路36号。  
No. 36, Jingling Road, Qingyuan High-tech Zone, Qingyuan Guangdong China.

电话 ( Tel ) : (+86) 0763-3608674

传真(Fax): (+86) 0763-3608675

website at [www.Wynca.com](http://www.Wynca.com). You can also obtain a copy from your local Wynca Tinyo sale representative.

- 自生产日期起，室温下储存六个月；建议在三个月内使用。

When stored at or below 38°C in the original unopened containers, this product has a usable life of 6 months from the data of production; Please put to use within 3 months had better.

## 六、典型数据 TYPICAL PROPERTY DATA

检测指标 Test Item	单位 Unit	检测条件 Test Conditions	测试方法 Test Methods	检测数据 Value
胶料外观 Appearance	—	—	—	半透明 semitransparent
可塑性 Plasticity	—	—	ISO 7323	170
拉伸强度 Tensile Strength	MPa	1% C-8B/170°C×10min	JIS K6251 Type 1	8.5
拉伸永变 Tensile Set	%	1% C-8B/170°C×10min	JIS K6251 Type 1	4.0
密度 Specific Gravity	g/cm <sup>3</sup>	1% C-8B/170°C×10min	ISO 2781	1.180
伸长率 Elongation	%	1% C-8B/170°C×10min	JIS K6251 Type 1	400
撕裂强度 Tear Strength	N/mm	1% C-8B/170°C×10min	JIS K6252 Die B	31.0
线收 Linear Shrinkage	%	1% C-8B/170°C×10min	—	3.30
硬度 Hardness	HA	1% C-8B/170°C×10min	ISO 48-4	59
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×2h	JIS K6251 Type 1	8.5
二段拉伸永变 Post-cured Tensile Set	%	200°C×2h	JIS K6251 Type 1	3.0
二段伸长率 Post-cured Elongation	%	200°C×2h	JIS K6251 Type 1	280
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×2h	JIS K6252 Die B	30.0
二段线收 Post-cured Linear Shrinkage	%	200°C×2h	—	3.75
二段硬度 Post-cured Hardness	HA	200°C×2h	ISO 48-4	62
RoHS认证 RoHS	—	—	—	pass
热老化拉伸差率 Ratio of Heat aged Tensile Strength change	%	70°C×48h	ISO 188	3.5
热老化伸长差率 Ratio of Heat aged Elongation Change	%	70°C×48h	ISO 188	10.0
热老化硬度差 Heat aged Hardness Change	HA	70°C×48h	ISO 188	0
压缩永变 Compression Set	%	25%×70°C×22h×30min	ISO 815-1 Type A	2.5

- 上述表中所列物性数据仅供参考，若需要货物的检验报告，请向销售办事处索取。

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Wynca Tinyo Silicone CO.,LTD sales representative prior to writing specification on this product.

- 硫化条件：170°C×10min，硫化剂添加比例为1%，主要成分2，5-二甲基-2，5-二叔丁基过氧化己烷。

Properties obtained: Press cured 10 minutes at 170°C, 1% catalyst:

2,5-bis[tert-butylperoxy]-2,5-dimethylhexane.

地址(Address): 中国广东省清远市高新技术产业开发区井岭路36号。  
No. 36, Jingling Road, Qingyuan High-tech Zone, Qingyuan Guangdong China.

电话 (Tel): (+86) 0763-3608674

传真(Fax): (+86) 0763-3608675

## 七、工业使用说明 For industrial use notes

- ◆使用者有义务在对将使用的新安天玉有机硅有限公司产品的适用范围以及使用用途做了解。

It is responsibility of the user to determine the suitability of any Wynca Tyny Silicone CO.,LTD.

- ◆我们随货的检测报告仅是新安天玉有机硅有限公司实验室依据新安天玉有机硅有限公司硫化条件与检测方法测试所得，它不能作为新安天玉有机硅有限公司混炼胶产品标准使用，不能作为客户接受新安天玉有机硅有限公司产品的验收依据。

Specifications are available by contacting Wynca Tyny Silicone CO.,LTD. Typical property data values should not be used as specification. In as much as Wynca Tyny Silicone CO.,LTD. Has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained.

- ◆由于检测生产条件不同，我们不能保证我们双方能得到同样的测试结果，建议使用者在自己的检测条件下测试出的数据作为使用性能参考。

Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the material described herein are not to be construed as constituting a license under any Wynca Tyny Silicone CO.,LTD.

- ◆以上任何性能数据以及适用建议，只是对新安天玉有机硅有限公司产品使用性能的一个使用参考，而不是新安天玉公司产品在特定应用下的有效性或通用性的担保。

Patent covering use or as recommendations for use of such material in infringement of any patent. Material safety data sheets are available upon request from Wynca Tyny Silicone CO.,LTD.

- ◆我们保留变更产品常数的权利，若有任何改动，不另行通知。

The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of Wynca Tyny Silicone CO.,LTD.

---

发布日期 (Issued) : 2017-04-26

地址 (Address) : 中国广东省清远市高新技术产业开发区井岭路36号。  
No. 36, Jingling Road, Qingyuan High-tech Zone, Qingyuan Guangdong China.

电话 ( Tel ) : (+86) 0763-3608674

传真 (Fax) : (+86) 0763-3608675