

低压缩永久变形硅橡胶

TY9691-70

Low Compression Set Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 低压缩永久变形，适合模压成型的热硫化混炼硅橡胶  
Low compression set type heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 低压缩永久变形  
Low compression set type
- 良好的耐油性能  
Good resistant oil performance
- 优良的机械性能  
Excellent mechanical performance
- 符合RoHS认证  
Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 汽车配件  
Automotive accessories
- 小型工业杂件（圈、垫等）  
Miscellaneous pieces of small industrial (circle pad, etc)

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

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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	—	—	—	透明 transparent
可塑性 Plasticity	—	—	ISO 7323	210
密度 Specific Gravity	g/cm <sup>3</sup>	1% C-14A/170°C×10min	ISO 2781	1.170
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×2h	ISO 37 Type 1	9.5
二段伸长率 Post-cured Elongation	%	200°C×2h	ISO 37 Type 1	320
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×2h	ISO 34-1 Die B	24.7
二段硬度 Post-cured Hardness	HA	200°C×2h	ISO 48-4	70
FDA认证 FDA	—	—	—	pass
RoHS认证 RoHS	—	—	—	pass
压缩永变 Compression Set	%	25%×175°C×22h×30min	ISO 815-1 Type B	8.0
压缩永变B Compression Set	%	25%×175°C×70h×30min	ISO 815-1 Type B	13.5
耐油体积变化率 Ratio of Oil Resistance Volume Set	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	34.5
耐油硬度差 Oil Resistance Hardness Change	HA	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	-19.0
油老化拉伸 Oil Resistance Tensile Strength	MPa	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	5.7
油老化伸长率 Oil Resistance Elongation	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	200

- 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 sales representative prior to writing specification on this product.

- 硫化条件：硫化剂DCP，添加比例为1%，170°C×10min+200°C×2h，2mm试片。

Cure Conditions : 2mm thickness of rubber sheet , 1% , Dicumylperoxide of vulcanizingagent for 170°C×10min, post-cured 200°C\*2h

## 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 Tinyo 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。

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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。

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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.

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