

高寿命型硅橡胶

TY7151-40

High Fatigue Life Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 高按键寿命，适合模压成型的热硫化混炼硅橡胶  
Hight life key-pads type heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 高按键寿命性能  
High key performance life
- 良好的加工型能  
Good Process ability
- 优良的机械性能  
Excellent mechanical properties
- 符合RoHS认证  
Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 汽车按键  
Car keys
- 高寿命按键  
Other moulding high life expectancy keystroke

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 sate 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6个月；建议在3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	160
回弹率 Resilience	%	1% C-8B/170°C×10min	ISO 4662	62
拉伸强度 Tensile Strength	MPa	1% C-8B/170°C×10min	JIS K6251 Type 1	9.0
拉伸永变 Tensile Set	%	1% C-8B/170°C×10min	JIS K6251 Type 1	3.0
密度 Specific Gravity	g/cm <sup>3</sup>	1% C-8B/170°C×10min	ISO 2781	1.095
伸长率 Elongation	%	1% C-8B/170°C×10min	JIS K6251 Type 1	650
撕裂强度 Tear Strength	N/mm	1% C-8B/170°C×10min	JIS K6252 Die B	28.0
线收 Linear Shrinkage	%	1% C-8B/170°C×10min	—	3.40
硬度 Hardness	HA	1% C-8B/170°C×10min	ISO 48-4	39
RoHS	—	—	—	pass
按键寿命 Keystroke Life	10 <sup>4</sup> t	1% C-8B/170°C×10min	—	1000
回弹下降率 Reduction Rate of Resilience	%	1% C-8B/170°C×10min	—	6.0
键力下降率 Reduction Rate of Key Strength	%	1% C-8B/170°C×10min	—	15.0
滞后损耗 Hysteresis Loss	%	1% C-8B/170°C×10min	—	16.0

- 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 minute at 170°C, 1% catalyst:

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

## 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

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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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