新安天玉有机硅有限公司
WYNCA TINYO SILICONE CO., LTD

产 品 说 明 书
TECHNICAL DATA SHEET

通用型模压用硅橡胶 TY651-70
General Purpose Type Silicone Rubber

一、简述 BRIEF INTRODUCTION
- 通用模压型热硫化混炼硅橡胶

  General-purpose type heat cured compounds for molding.

二、主要特征 KEY FEATURES
- 通用型模压用

  General Purpose Type
- 优良的加工性能

  Excellent process ability.
- 良好的综合物理性能

  Excellent balanced physical properties
- 符合FDA 21 CFR 177.2600

  Conform to the FDA 21 CFR 177.2600 certification
- 符合Rohs认证

  Conform to the RoHS certification

三、主要用途 APPLICATIONS
- 按键

  Key-pads
- O型圈，密封垫等工业杂件

  O-rings, gaskets and other miscellaneous pieces of industry

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）。

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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 website at 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℃ 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
可塑度 Plasticity	--	--	ISO 7323	240
回弹率 Resilience	%	1% C-6B/170℃×10min	ISO 4662	47
拉伸强度 Tensile Strength	MPa	1% C-6B/170℃×10min	JIS K6251 Type 1	8.5
拉伸永变 Tensile Set	%	1% C-6B/170℃×10min	JIS K6251 Type 1	5.0
密度 Specific Gravity	g/cm^3	1% C-6B/170℃×10min	ISO 2781	1.205
伸长率 Elongation	%	1% C-6B/170℃×10min	JIS K6251 Type 1	360
撕裂强度 Tear Strength	N/mm	1% C-6B/170℃×10min	JIS K6252 Die B	30.0
线收 Linear Shrinkage	%	1% C-6B/170℃×10min	--	3.10
硬度 Hardness	HA	1% C-6B/170℃×10min	ISO 48-4	70
FDA认证 FDA	--	--	--	pass
RoHS认证 RoHS	--	--	--	pass

- 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℃×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 on : Press cured 10 minute at 170℃, 1%.C-6B 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 Tinyo Silicone CO.,LTD.Typical property data values should not be used as specification.In as much as Wynca Tinyo 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 Tinyo 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 Tinyo Silicone CO.,LTD.

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