

电绝缘型硅橡胶

TY6961-60GB

Electrical Insulated molding Type Silicone Rubber

## 一、简述 BRIEF INTRODUCTION

- 绝缘子专用热硫化混炼硅橡胶  
Special hot vulcanization silicone rubber insulator.
- 已添加硫化剂  
Added curing agent.

## 二、主要特征 KEY FEATURES

- 电绝缘型  
Electrical insulated molding type
- 良好的耐漏电起痕性能  
Excellent tracking resistance
- 阻燃等级UL94 V-0（厚度：2.0mm）  
Formulated to meet UL94 V-0（thickness: 2.0mm）
- 灰色外观  
Gray appearance
- 符合RoHS  
conform to the RoHS certification

## 三、主要用途 APPLICATIONS

- 绝缘子胶  
Insulators
- 复合绝缘子  
Composite insulators

## 四、包装 PACKAGING

- 20Kg或者25kg纸箱包装，内衬PE塑料袋  
20kg / box or 25kg / 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.

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- 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 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12个月；建议在9个月内使用。

When stored at or below 38°C in the original unopened containers, this product has a usable life of 12 months from the data of production; Please put to use within 9 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	—	—	—	灰色 gray
拉伸强度 Tensile Strength	MPa	170°C×10min	JIS K6251 Type 1	5.0
拉伸永变 Tensile Set	%	170°C×10min	JIS K6251 Type 1	1.5
密度 Specific Gravity	g/cm <sup>3</sup>	170°C×10min	ISO 2781	1.477
伸长率 Elongation	%	170°C×10min	JIS K6251 Type 1	300
撕裂强度 Tear Strength	N/mm	170°C×10min	ISO 34-1 Die B	13.5
硬度 Hardness	HA	170°C×10min	ISO 48-4	62
阻燃性 Flame Retardance	—	170°C×10min	UL 94	UL94V-0
击穿电压强度 Breakdown Voltage	kV/mm	200°C×4h	ASTM D149	23.2
介电常数 Dielectric Constant	F/m	200°C×4h	ASTM D150	3.80
介电损耗tg δ Dielectric Losses	—	200°C×4h	ASTM D150	0.025
耐漏电起痕性 Proof Tracking Index	—	200°C×4h	IEC 60587	1A4.5级 1A4.5
体积电阻率 Volume Resistivity	10 <sup>15</sup> Ω·cm	200°C×4h	IEC 62631-3-1	1.2
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°C×10min，硫化剂主要成分为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, 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。

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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.

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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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