

加成硫化型硅橡胶

TY5171-70NA

Addition curing Type Silicone Rubber

## 一、简述 BRIEF INTRODUCTION

- 电线电缆被覆材料专用型，铂金硫化混炼硅橡胶

Coated wire and cable materials type, Platinum sulfide silicone rubber.

## 二、主要特征 KEY FEATURES

- 加成硫化型

Addition curing Type

- 光滑性好

Good smoothness

- 高撕裂强度

High tear strength

- 良好的电性能

Good electrical property

- 良好的老化性能

Good aging resistance

## 三、主要用途 APPLICATIONS

- 新能源汽车电缆、电线

New energy vehicles cables, wires

## 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<br>Test Item                     | 单位<br>Unit        | 检测条件<br>Test Conditions                | 测试方法<br>Test Methods | 检测数据<br>Value     |
|---------------------------------------|-------------------|--|----------------------|-------------------|
| 胶料外观<br>Appearance                    | —                 | —                                      | —                    | 透明<br>transparent |
| 可塑性<br>Plasticity                     | —                 | —                                      | ISO 7323             | 250               |
| 密度<br>Specific Gravity                | g/cm <sup>3</sup> | 双硫化剂/130°C×10min<br>double vulcanizing | ISO 2781             | 1.210             |
| 二段拉伸强度<br>Post-cured Tensile Strength | MPa               | 200°C×2h                               | JIS K6251 Type 1     | 8.5               |
| 二段伸长率<br>Post-cured Elongation        | %                 | 200°C×2h                               | JIS K6251 Type 1     | 450               |
| 二段撕裂强度<br>Post-cured Tear Strength    | N/mm              | 200°C×2h                               | ISO 34-1 Die B       | 38.0              |
| 二段硬度<br>Post-cured Hardness           | HA                | 200°C×2h                               | ISO 48-4             | 75                |
| RoHS认证<br>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：130°C×10min，硫化剂添加B组分炼透，后加入A组分炼。

Properties obtained: Press cured 10 minutes at 130°C, Please first add the part B of vulcanizing agent, then part A of vulcanizing agent.

- 添加铂金硫化剂时辊筒温度不宜过高（不宜超过35°C）；加好硫化剂后尽快使用；否则可能出现死胶。

Roller when adding platinum vulcanizing temperature is unfavorable and exorbitant (shoulds not be more than 35°C). After add vulcanizing agent as soon as possible use. Otherwise die glue may occur.

## 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

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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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