

耐水蒸汽型硅橡胶

TYA151-60

Steam-Resistant Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 耐水蒸气型，适合模压成型的热硫化混炼硅橡胶

Water vapor resistance type, Heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 耐水蒸汽型

Water vapor resistance type

- 外观为浅黄色

Light yellow appearance

- 优良的加工性能

Excellent mechanical 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

- 符合欧盟LFGB认证

Conform to the LFGB certification

三、主要用途 APPLICATIONS

- 小型工业杂件（圈、垫等）

Miscellaneous pieces of small industrial (ring, mat, etc.)

- 其他模压制品

Other moulding productions

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.

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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 | -- | -- | -- | 浅黄色 yellowish |
| 可塑性 Plasticity | -- | -- | ISO 7323 | 250 |
| 密度 Specific Gravity | g/cm ³ | 1% C-8B/170°C×10min | ISO 2781 | 1.160 |
| 二段拉伸强度 Post-cured Tensile Strength | MPa | 200°C×2h | JIS K6251 Type 1 | 8.6 |
| 二段伸长率 Post-cured Elongation | % | 200°C×2h | JIS K6251 Type 1 | 380 |
| 二段撕裂强度 Post-cured Tear Strength | N/mm | 200°C×2h | JIS K6252 Die B | 30.0 |
| 二段线收 Post-cured Linear Shrinkage | % | 200°C×2h | -- | 3.55 |
| 二段硬度 Post-cured Hardness | HA | 200°C×2h | ISO 48-4 | 63.0 |
| FDA认证 FDA | -- | -- | -- | pass |
| LFGB2认证 LFGB2 | -- | -- | -- | pass |
| RoHS认证 RoHS | -- | -- | -- | pass |
| 压缩永变 Compression Set | % | 25%×175°C×22h×30min | ISO 815-1 Type A | 13.5 |
| 汽老化拉伸 Vapor aged Tensile Strength | MPa | 150°C×7d | ISO 4611 | 5.5 |
| 汽老化伸长率 Vapor aged Elongation | % | 150°C×7d | ISO 4611 | 300 |
| 汽老化硬度差 Vapor aged Hardness Change | HA | 150°C×7d | ISO 4611 | -1 |

- 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

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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 Tyny Silicone CO.,LTD.

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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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发布日期 (Issued) : 2023-11-02

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