

阻燃型硅橡胶

TY2961-60

Flame-Resistant Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 阻燃型，适合模压成型的热硫化混炼硅橡胶
Flame retardant type ,Heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 阻燃型
Flame-Resistant Type
- 黑色外观
Black appearance
- 阻燃等级UL-94 V-0（厚度：1.0mm）
Formulated to meet UL94 V-0（thickness:1.0mm）
- 符合RoHS认证
Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 高压罩
High voltage caps
- 有阻燃需求的其他杂件
Other flame resistant 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.
- 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. 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 | -- | -- | -- | 黑色 black |
| 可塑性 Plasticity | -- | -- | ISO 7323 | 250 |
| 拉伸强度 Tensile Strength | MPa | 0.6% C-8A/170°C×10min | JIS K6251 Type 1 | 5.0 |
| 拉伸永变 Tensile Set | % | 0.6% C-8A/170°C×10min | JIS K6251 Type 1 | 4.4 |
| 密度 Specific Gravity | g/cm ³ | 0.6% C-8A/170°C×10min | ISO 2781 | 1.495 |
| 伸长率 Elongation | % | 0.6% C-8A/170°C×10min | JIS K6251 Type 1 | 450 |
| 撕裂强度 Tear Strength | N/mm | 0.6% C-8A/170°C×10min | JIS K6252 Die B | 20.0 |
| 硬度 Hardness | HA | 0.6% C-8A/170°C×10min | ISO 48-4 | 58 |
| 阻燃性 Flame Retardance | -- | 0.6% C-8A/170°C×10min | UL 94 | UL94V-0 |
| 击穿电压强度 Breakdown Voltage | kV/mm | 200°C×4h | ASTM D149 | 23.5 |
| 体积电阻率 Volume Resistivity | 10 ¹⁵ Ω·cm | 200°C×4h | IEC 62631-3-1 | 0.5 |
| RoHS认证 RoHS | -- | -- | -- | pass |
| UL认证 UL | -- | -- | -- | 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,硫化剂添加比例为0.6%，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, 0.6% catalyst:

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

- 请勿添加含有含氢硅油的硫化剂，否则会导致交联。

Please do not add the vulcanizing agent containing hydrogen silicone oil. Otherwise, cross-linking 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.

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