

## TA0004/TB0004 铂金硫化剂

### 一、简述 BRIEF

- 双组分添加成型的铂金硫化剂，A/B两者并用才能达到硅胶成型目的

Two - component platinum sulfide, Both A and B can be used to achieve the purpose of silicone molding

- 适合于铂金硫化混炼硅橡胶

Suitable for platinum sulfide mixed silicone rubber

### 二、主要特征 KEY FEATURES

- 硫化温度低，固化速度快

Low curing temperature and high curing speed

- 硫化成型后，制品分子间充分交联

After vulcanization molding, the products are fully cross-linked between the molecules

- 硫化后制品环保，无味

The products after vulcanization are environmentally friendly and tasteless

- 通过RoHS认证

Pass RoHS

### 三、主要用途 APPLICATIONS

- 硅橡胶的铂金硫化剂

The platinum vulcanization agent of silicone rubber

- 建议添加比例 Suggest to add the proportion

TA0004: 0.4%~1.5% (视产品需要而定/It depends on the product)

TB0004: 0.5%~2.0% (视产品需要而定/It depends on the product)

### 四、运输，安全及储存注意事项 HANDLING, 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，可通过新安天玉有机硅有限公司网站下载，也可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

地址：中国广东省清远市高新技术产业开发区井岭路36号。

Address : No.36,Jingling Road, Qing Yuan High-tech Zone, Qing Yuan Guangdong China.

电话 (Tel) : (+86) 0763-3608674

传真 (Fax) : (+86) 0763-3608675

网址 (Website) : <http://tinyo.wynca.com>

邮编 ( ) : 511500

website at <http://tinyo.wynca.com>. You can also obtain a copy from your local Wynca Tinyo sale representative.

- 密封保存，A、B 组分硫化剂应分开储存于避光阴凉干燥处，避免 A、B 组分共同储存导致失效。储存环境温度低于 25℃。

Seal save, part A and part B vulcanizing agent should be stored separately to avoid light cool and dry place, avoid failure caused by co-storage of components A and B. Storage environment temperature below 25 °C.

- 禁止与含氮、磷、硫、多乙烯基、多乙炔基及铅、镉等重金属的物质接触，否则会导致铂金中毒失效，无法正常硫化交联。

It is forbidden to contact with substances containing nitrogen, phosphorus, sulfur, polyvinyl, polyacetylene and lead, cadmium and other heavy metals. Otherwise, the platinum poisoning will not be effective and cannot be cross-linked normally.

- 避免长期暴露于空气中，否则会导致中毒失效等异常，无法正常硫化交联。

Avoid prolonged exposure to the air, which can lead to poisoning failure.

- 保质期 6 个月，建议在 3 个月内使用。

The shelf life is 6 months , please put to use within 3 months had better.

## 五、外观包装 APPEARANCE & PACKAGING

- 产品外观 Product appearance

TA0004: 无色透明膏状 Colorless transparent paste

TB0004: 无色透明膏状 Colorless transparent paste

- 产品包装

TA0004: 1.0 Kg/罐 1.0 Kg/tin

TB0004: 1.0 Kg/罐 1.0 Kg/tin

---

地 址：中国广东省清远市高新技术产业开发区井岭路36号。

Address : No.36,Jingling Road, Qing Yuan High-tech Zone, Qing Yuan Guangdong China.

电话 (Tel) : (+86) 0763-3608674

传真 (Fax) : (+86) 0763-3608675

网址 (Website) : <http://tinyo.wynca.com>

邮编 ( ) : 511500

## 六、典型数据 TYPICAL PROPERTY DATA

检测指标 Test Item	单位 Unit	检测条件 Test conditions	检测方法 Test method	检测数据 Value	
				TA0004	TB0004
外观 Appearance	--	--	--	无色透明膏状 Colorless transparent paste	无色透明膏状 Colorless transparent paste
硬度 Hardness	HA	TA0004:T B0004=0.5%:0.7% 120°C×10min	ISO 48-4	38.0	
T10	sec.	TA0004:T B0004=0.5%:0.7% 110°C×5min	ISO 6502	37	
T90	sec.	TA0004:T B0004=0.5%:0.7% 110°C×5min	ISO 6502	84	

- 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 TIANYO sales representative prior to writing specification on this product.

- 硫化条件：120°C×10min。胶料添加：TY6145-40Q。硫化剂添加：先添加 B 组分炼透后，再加入 A 组分开炼。

Properties obtained: Press cured 10 minute at 120°C. Compound addition: TY6145-40Q. Vulcanizing agent addition: 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 摄氏度）；加好硫化剂后尽快使用；否则可能出现交联。

Roller when adding platinum vulcanizing temperature is unfavorable and exorbitant (shoulds not be more than 35 degrees); After add vulcanizing agent as soon as possible use; 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.

地 址：中国广东省清远市高新技术产业开发区井岭路36号。

Address : No.36,Jingling Road, Qing Yuan High-tech Zone, Qing Yuan Guangdong China.

电话 (Tel) : (+86) 0763-3608674

传真 (Fax) : (+86) 0763-3608675

网址 (Website) : <http://tinyo.wynca.com>

邮编 ( ) : 511500

- 混炼时须先加 B 组分，混炼匀后再分多次加入 A 组分，整个加硫过程辊筒及胶料温度不能超过 35℃，建议辊筒使用冷冻水循环，加好硫化剂的胶料建议在 4 小时内硫成型，以防止室温交联。

Mixing must be added when part B, blending several times before joining part A, the temperature of the roller and the rubber culcanizing process cannot be more than 35 °C, frozen water cycle is recommended for roller, plus good rubber vulcanization agent advice vulcanization molding within 4 hours, in order to prevent the cross linked at room temperature.

- 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.

- 我们保留变更产品常数的权利，若有任何改动，不另行通知。

The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of Wynca Tinyo Silicone CO., LTD.

Issued (发布日期): 2023-08-01

---

地 址：中国广东省清远市高新技术产业开发区井岭路36号。

Address : No.36,Jingling Road, Qing Yuan High-tech Zone, Qing Yuan Guangdong China.

电话 (Tel) : (+86) 0763-3608674

传真 (Fax) : (+86) 0763-3608675

网址 (Website) : <http://tinyo.wynca.com>

邮编 ( ) : 511500