

导电型硅橡胶

TYG321-58C

Electrical conductive type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 热硫化导电胶辊胶

Heat curing conductive rubber roller

二、主要特征 KEY FEATURES

- 导电型

Conductivity type

- 符合RoHS认证

Conform to the RoHS certification

- 优良的机械性能

Excellent mechanical properties

- 优良的导电性能

Electrical conductive type

- 低压缩永久变形

Low compression set

三、主要用途 APPLICATIONS

- OA 胶辊

OA Rubber Rollers

- 其它导电工业杂件

Other miscellaneous pieces of conductive industrial

四、包装 PACKAGING

- 20Kg纸箱包装，内衬PE 塑料袋

20kg box

- 内衬PE塑料袋，真空包装

Lined with PE plastic bags, Vacuum package

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	—	—	—	黑色 black
可塑性 Plasticity	—	—	ISO 7323	340
拉伸强度 Tensile Strength	MPa	1% C-8A/170°C×10min	JIS K6251 Type 1	7.8
拉伸永变 Tensile Set	%	1% C-8A/170°C×10min	JIS K6251 Type 1	2.0
密度 Specific Gravity	g/cm ³	1% C-8A/170°C×10min	ISO 2781	1.195
伸长率 Elongation	%	1% C-8A/170°C×10min	JIS K6251 Type 1	330
撕裂强度 Tear Strength	N/mm	1% C-8A/170°C×10min	JIS K6252 Die B	23.0
线收 Linear Shrinkage	%	1% C-8A/170°C×10min	—	3.4
硬度 Hardness	HA	1% C-8A/170°C×10min	ISO 48-4	60
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×4h	JIS K6251 Type 1	7.0
二段拉伸永变 Post-cured Tensile Set	%	200°C×4h	JIS K6251 Type 1	3.0
二段伸长率 Post-cured Elongation	%	200°C×4h	JIS K6251 Type 1	280
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×4h	JIS K6252 Die B	20.0
二段线收 Post-cured Linear Shrinkage	%	200°C×4h	—	4.0
二段硬度 Post-cured Hardness	HA	200°C×4h	ISO 48-4	61
电阻 Resistance	KΩ	200°C×4h		4.0
体积电阻率 Volume Resistivity 1	Ω.cm	200°C×4h	ISO 1853	35.0
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 TIANYO 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 on : Press cured 10 minute at 170°C, 1%.C-8A catalyst:

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

- 不建议使用双二四硫化剂和含氢硅油或抗黄剂成分的硫化剂

It is not recommended to use DCBP curing agent, curing agent with PMHS or anti-yellowing curing agent.

- 导电胶通常需大幅度增加硫化剂用量，具体用量根据用户制品大小自行实验调整比例。

2. Normally the dosage of curing agent should be increased greatly in conductive silicone rubber. The specific dosage should be adjusted according to the size of the user's product.

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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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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