

耐油型硅橡胶

TYB171-60

Oil-Resistant Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 耐油耐高温型热硫化混炼硅橡胶

Oil resistant and heat resistant type heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 耐油型

Oil resistant Type

- 良好的耐高温性能

Good resistant to high temperature performance

- 良好的耐油性能

Good resistant oil performance

- 符合RoHS认证

Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 汽车配件

Automotive accessories

- 汽车发动机密封圈、密封垫等

Automotive engine sealing ring, sealing gasket, etc

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	—	—	—	灰白略黄 gray-white yellowish
可塑性 Plasticity	—	—	ISO 7323	185
密度 Specific Gravity	g/cm ³	1% C-8B/170°C×10min	ISO 2781	1.402
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×2h	JIS K6251 Type 1	7.7
二段伸长率 Post-cured Elongation	%	200°C×2h	JIS K6251 Type 1	330
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×2h	JIS K6252 Die B	23.5
二段硬度 Post-cured Hardness	HA	200°C×2h	ISO 48-4	62
击穿电压强度 Breakdown Voltage	kV/mm	200°C×4h	ASTM D149	22.5
体积电阻率 Volume Resistivity	10 ¹⁵ Ω·cm	200°C×4h	IEC 62631-3-1	6.5
热老化拉伸差率 Ratio of Heat aged Tensile Strength change	%	250°C×72h	ISO 188	-31.7
热老化伸长差率 Ratio of Heat aged Elongation Change	%	250°C×72h	ISO 188	-25.3
热老化硬度差 Heat aged Hardness Change	HA	250°C×72h	ISO 188	-7
压缩永变 Compression Set	%	25%×175°C×22h×30min	ISO 815-1 Type A	10.2
耐油拉伸差率 Oil Resistance Tensile Strength change	%	IRM 901#油/150°C×70h IRM 901#oil/150°C×70h	ISO 1817	-11.9
耐油伸长差率 Ratio of Oil Resistance EL Change	%	IRM 901#油/150°C×70h IRM 901#oil/150°C×70h	ISO 1817	-4.8
耐油体积变化率 Ratio of Oil Resistance Volume Set	%	IRM 901#油/150°C×70h IRM 901#oil/150°C×70h	ISO 1817	4.2
耐油体积变化率 Ratio of Oil Resistance Volum Change	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	36.6
耐油硬度差 Oil Resistance Hardness Change	HA	IRM 901#油/150°C×70h IRM 901#oil/150°C×70h	ISO 1817	-6
耐油硬度差 Oil Resistance Hardness Change	HA	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	-23

- 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 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 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 Tinyo Silicone CO.,LTD.

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