

自润滑硅橡胶

TYC231-60RX

Self-lubricating Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 加成型，A: B组分1:1混合后使用的黑色热硫化混炼硅橡胶

It is an addition black hot vulcanized mixed silicone rubber after 1:1 mixing of A:B components.

二、主要特征 KEY FEATURES

- 自润滑

Self-lubricating

- 良好的耐油性能

Good resistant oil performance

- 低压缩永久变形

Low compression set type

- 优良的机械性能

Excellent mechanical performance

- 符合Rohs认证

Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 有自润滑需求的杂件

Miscellaneous pieces of self lubricating requirements

- 汽车配件

Automotive accessories

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 STO

- 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。

地址(Address): 中国广东省清远市高新技术产业开发区井岭路36号。
No. 36, Jingling Road, Qingyuan High-tech Zone, Qingyuan Guangdong China.

电话 (Tel) : (+86) 0763-3608674

传真(Fax): (+86) 0763-3608675

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6个月；建议在3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	—	—	—	乳白色 milky-white
门尼粘度 Mooney viscosity	M	ML(1+4) 30°C	ISO 289-1	27.3
密度 Specific Gravity	g/cm ³	150°C×6min	ISO 2781	1.150
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×4h	JIS K6251 Type 1	9.5
二段伸长率 Post-cured Elongation	%	200°C×4h	JIS K6251 Type 1	470
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×4h	ASTM D624 Die B	35.0
二段硬度 Post-cured Hardness	HA	200°C×4h	ISO 48-4	61.0
击穿电压强度 Breakdown Voltage	kV/mm	200°C×4h	ASTM D149	24.0
热老化拉伸差率 Ratio of Heat aged Tensile Strength change	%	230°C×70h	ISO 188	-9.2
热老化伸长差率 Ratio of Heat aged Elongation Change	%	230°C×70h	ISO 188	-11.3
热老化硬度差 Heat aged Hardness Change	HA	230°C×70h	ISO 188	2.0
压缩永变 Compression Set	%	25%×200°C×24h×30min	ISO 815-1 Type B	22.0
耐油拉伸差率 Oil Resistance Tensile Strength change	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	-37.9
耐油伸长差率 Ratio of Oil Resistance EL Change	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	-37.0
耐油体积变化率 Ratio of Oil Resistance Volume Set	%	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	35.2
耐油硬度差 Oil Resistance Hardness Change	HA	IRM 903#油/150°C×70h IRM 903#oil/150°C×70h	ISO 1817	-16.8

- 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：150°C×6min, A: B=1: 1

Properties obtained : Press cured 6 minute at 150°C, A:B=1:1

- 使用说明：作为铂金硫化体系，胺类衍生物、含硫产品、金属肥皂和含磷产品等污染物可以引起抑制硫化作用。

Instructions for use: As a platinum vulcanization system, contaminants such as amine derivatives, sulfur-containing products, metal soaps and phosphorus-containing products can cause inhibition of vulcanization.

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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) : 2023-12-08

地址 (Address) : 中国广东省清远市高新技术产业开发区井岭路36号。
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