

自润滑硅橡胶

TYC231-40H

Self-lubricating Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 自润滑型热硫化混炼硅橡胶

Self-lubricating heat cured compounds for molding.

二、主要特征 KEY FEATURES

- 自润滑

Self-lubricating

- 良好的耐热老化性能

Excellent heat-resistant property

- 良好的低压缩变形性能

Low compression set property

- 优良的机械性能

Excellent mechanical performance

- 含油率：5%

Oil content 5%

- 符合RoHs认证

Conform to the RoHS certification

三、主要用途 APPLICATIONS

- 汽车线束

Automotive wiring harness

- 有自润滑需求的杂件

Miscellaneous pieces of self lubricating requirements

四、包装 PACKAGING

- 20Kg纸箱包装，内衬PE/PA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.

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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	—	—	—	浅乳黄色 light milky-yellow
可塑性 Plasticity	—	—	ISO 7323	160
密度 Specific Gravity	g/cm ³	0.6% C-8A/170°C×10min	ISO 2781	1.164
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×2h	ISO 37 Type 1	9.0
二段伸长率 Post-cured Elongation	%	200°C×2h	ISO 37 Type 1	585
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×2h	ISO 34-1 Die B	17.7
二段硬度 Post-cured Hardness	HA	200°C×2h	ISO 48-4	42
RoHS认证 RoHS	—	—	—	pass
热老化拉伸差率 Ratio of Heat aged Tensile Strength Change	%	225°C×70h	ISO 188	-19.5
热老化伸长差率 Ratio of Heat aged Elongation Change	%	225°C×70h	ISO 188	-27.6
热老化硬度差 Heat aged Hardness Change	HA	225°C×70h	ISO 188	1
压缩永变 Compression Set	%	25%×175°C×70h×30min	ISO 815-1 Type B	15.3

- 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。压缩永变测试的试样预先经过200°C，4h的二次硫化处理

Properties obtained: Press cured 10 minutes at 170°C,0.6% catalyst:

2,5-bis[tert-butylperoxy]-2,5-dimethylhexane.The Sample for Compression Set deal with 200 °C×4h curing treatment

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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