

加成硫化型硅橡胶

TYH171-70AA

Addition curing Type Silicone Rubber

一、简述 BRIEF INTRODUCTION

- 电线电缆被覆材料专用型，铂金硫化混炼硅橡胶

Coated wire and cable materials type, Platinum sulfide silicone rubber.

二、主要特征 KEY FEATURES

- 加成硫化型

Addition curing Type

- 光滑性好

Good smoothness

- 高撕裂强度

High tear strength

- 良好的电性能

Good electrical property

- 良好的老化性能

Good aging resistance

三、主要用途 APPLICATIONS

- 新能源汽车电缆、电线

New energy vehicles cables, wires

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 Tyny 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	210
密度 Specific Gravity	g/cm ³	双硫化剂/130°C×10min double vulcanizing	ISO 2781	1.240
二段拉伸强度 Post-cured Tensile Strength	MPa	200°C×2h	JIS K6251 Type 1	10.5
二段伸长率 Post-cured Elongation	%	200°C×2h	JIS K6251 Type 1	600
二段撕裂强度 Post-cured Tear Strength	N/mm	200°C×2h	ISO 34-1 Die B	38.0
二段硬度 Post-cured Hardness	HA	200°C×2h	ISO 48-4	71
阻燃性 Flame Retardance	--	双硫化剂/130°C×10min double vulcanizing	UL 94	UL94V-1
击穿电压强度 Breakdown Voltage	kV/mm	200°C×4h	ASTM D149	24.5
体积电阻率 Volume Resistivity	10 ¹⁵ Ω.cm	200°C×4h	IEC 62631-3-1	8.2
RoHS认证 RoHS	--	--	--	pass
热老化拉伸 Heat aged Tensile Strength	MPa	225°C×240h	ISO 188	5.3
热老化伸长率 Heat aged Elongation	%	225°C×240h	ISO 188	280
热老化硬度 Heat aged Hardness	HA	225°C×240h	ISO 188	73

- 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：130°C×10min，硫化剂添加B组分炼透，后加入A组分炼。

Properties obtained: Press cured 10 minutes at 130°C, 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°C）；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°C). 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。

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It is responsibility of the user to determine the suitability of any Wynca Tyny Silicone CO.,LTD.

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