TYL-6824/60A , TYL-6824/60B

加成型液体硅橡胶
Addition type liquid silicone rubber

1 简述 BRIEF INTRODUCTION

- 本产品为双组分包装的加成型液体硅橡胶
  The product is a Two-component cure LSR.

2 主要特征 KEY FEATURES

- 产品成型效率高，废边少，节约能源
  Forming efficiency, scrap, energy conservation
- 优良的机械性能
  Excellent machinery performance
- 符合RoHS认证
  Pass RoHS

3 主要用途 APPLICATIONS

- 汽车密封件
  Automobile seal
- 耐热橡胶制品
  Heat resistant rubber products

4 包装 PACKAGE

- 20 kg/桶，标准塑料直桶，内衬专用塑料袋。
  20 kg / barrel, standard plastic barrel, with special plastic bag inside.
- 200 kg /桶，标准金属直桶，内衬专用塑料袋，花格木箱外包装。
  200 kg / barrel, the standard metal barrel, with special plastic bag inside.

5 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 does not include specific instructions for the use of the product.
- 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，
  使用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。
  Please read the product instructions and product safety data sheet carefully, as well as the instructions

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
网址（Website）：www.wynca.com 邮编（Postcode）：511500

on the product package before use. If you need detailed safety information, please ask the sales office for the material safety data sheet.

- 本产品无毒、无害，按非危险品运输；不可倒置，运输中应避免摔跌，避免与尖硬锐物相碰撞。

  The non-toxic, harmless, non-dangerous This product is non-toxic and harmless. Transport according to rules of non-dangerous goods. Avoid tumble and collision with hard or sharp objects.

- 请在室温、通风、避雨防潮、避太阳直照下贮存。

  Please store in water and damp-proof place at room temperature, keep ventilation, and avoid the direct sunlight.

- 保存期：胶料自生产日期起，室温可以存放12个月，6个月内使用为最佳。

  Expiration: 12months at room temperature. It will be better to finish the products within 6months after open.

6 使用注意事项 ATTENTIONS

- 将A和B两组分混合时，配比不准确将会影响硫化过程和制品性能，因此一定要准确控制比例。

  Strictly control percentage of A and B when mixing, for vulcanization and properties will be affected under wrong ratio.

- 硫化时间决定于硫化温度及制品厚度，具体硫化时间要根据实际情况调整。

  Time of vulcanization depends on manufacturing and thickness of products. It should be adjusted according to different situation.

- 如果胶料接触某些如含氮、磷、硫、锡等化合物的物质，则会抑制硫化反应，严重将导致产品不硫化，应极力避免和此类物质 接触。

  Avoid mix products with nitrogen, phosphorus, sulfur and tin, etc. These materials may affect or stop vulcanization.

7 使用工艺 USE OF TECHNOLOGY

- 本产品是A和B双组分包装提供的，按1:1比例混合使用。建议用静态混合设备混合，可以隔绝空气。如果混合过程中带入气泡，必须彻底排气。建议硫化温度在120℃-150℃，最终以实际产品设计需求为准。

  This product is composed by A & B packages. Suggest using in percentage1:1. Please mix A & B without air in staticmixing equipment. Make sure releasing air if there are bubbles when mixing. It is

suggested that the curing temperature should be between 120℃ and 150℃, and the actual product design requirements should prevail.

8 典型数据 TYPICAL PROPERTY DATA

Test Item 检测指标	Unit 单位	Test Conditions 测试条件	Test Method 测试方法	Data 数据	
				A component A组分	B component B组分
Appearance 胶料外观	--	--	--	colourless-semitransparent 无色半透明	black 黑色
Dynamic Viscosity 动力粘度	10^4mPa·s	7#, 10rpm	DIN 53019-1	100.0	70.0
Density 密度	g/cm^3	105℃×15min	ISO 2781	1.130	
Post-cured Hardness 二段硬度	HA	200℃×4h	ISO 48-4	61.0	
Post-cured Tensile Strength 二段拉伸强度	MPa	200℃×4h	JIS K 6251 Type 1	9.0	
Post-cured Elongation 二段伸长率	%	200℃×4h	JIS K 6251 Type 1	550	
Post-cured Tensile Set 二段拉伸永变	%	200℃×4h	JIS K 6251 Type 1	2.5	
Post-cured Tear Strength 二段撕裂强度	N/mm	200℃×4h	ISO 34-1 Die B	35.0	
Compression Set B 压缩永变	%	25%×175℃×22h×30min	ISO 815-1 Type B	15.0	
Oil Resistance Tensile Strength 油老化拉伸强度	MPa	5W-30油/150℃×70h	ISO 1817	6.0	
Oil Resistance Elongation 油老化伸长率	%	5W-30油/150℃×70h	ISO 1817	400	
Ratio Of Oil Resistance Volume 油老化体积变化率	%	5W-30油/150℃×70h	ISO 1817	14.0	
Oil Resistance Hardness Change 油老化硬度差	HA	5W-30油/150℃×70h	ISO 1817	-9.0	

- 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。
  The data is just for reference, For performance data and safety information of specified products, please contact the Wynca Tinyo Silicone CO., LTD.

9 工业使用说明 FOR INDUSTRIAL USE

- 使用者有义务对将使用新安天玉有机硅有限公司产品的适用范围以及用途进行了解；请勿将新安天玉有机硅有限公司产品用作移植或注入人体用途。
  The user has the obligation to understand the scope of application and use of the products of Wynca Tinyo Silicone CO.,LTD. Our products can not be implanted or injected into the human body.
- 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的硫化条件和检测方法测试所得，它不能够作为新安天玉有机硅有限公司液体胶产品标准使用，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。
  Our inspection report is only obtained by the laboratory of Wynca Tinyo Silicone Co., Ltd. according to the vulcanization conditions and detection methods of Wynca Tinyo Silicone Co., Ltd, It can not be used as the standard of Wynca Tinyo Silicone Co., Ltd. and can not be used as the acceptance basis for customers to accept the products of Wynca Tinyo Silicone Co., Ltd.
- 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所得的数据作为使用性能的参考。
  Due to the different testing and production conditions, we cannot guarantee that we can get the same test results. We suggest users to use the test data obtained under their own testing conditions as a reference for performance.
- 以上任何性能数据及使用建议，只是对新安天玉有机硅有限公司产品使用性能的一个使用参考，而不是新安天玉有机硅有限公司产品在特定应用下的有效性或通用性担保。
  Any of the above performance data and usage suggestions are only a reference for the performance of the products of Wynca Tinyo Silicones Co., Ltd., and are not a guarantee of the effectiveness or versatility of the products of Wynca Tinyo Silicones Co., Ltd. in specific applications.
- 我们保留变更产品参数的权利，若有任何改动，不另行通知。
  We reserve the right to change the product parameters without prior notice.

发布日期（Issued）:2023-11-09

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**
网址（Website）：www.wynca.com **邮编（Postcode）：511500**