

WYNCA TINYO SILICONE CO., LTD

TECHNICAL DATA SHEET

TYL-6B20/25A-C , TYL-6B20/25B-C

Addition type liquid silicone rubber

1 BRIEF INTRODUCTION

- The product is a Two-component cure LSR.

2 KEY FEATURES

- Good flowability, Fast curing
- Easy-pigmentable with LSR colour pastes
- Good unprimed adhesion to cotton fabric
- Pass RoHS

3 APPLICATIONS

- Textile fabrics coating
- Trademark making
- Textile screen printing silicone

4 PACKAGE

- 20 kg / barrel, standard plastic barrel, with special plastic bag inside.
- 200 kg / barrel, the standard metal barrel, with special plastic bag inside.

5 NOTICE FOR TRANSPORTATION, SAFETY AND STORAGE

- Product safety information does not include specific instructions for the use of the product.
- Please read the product instructions and product safety data sheet carefully, as well as the instructions on the product package before use. If you need detailed safety information, please ask the sales office for the material safety data sheet.
- 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.
- Please store in water and damp-proof place at room temperature, keep ventilation, and avoid the direct sunlight.
- Expiration: 12months at room temperature. It will be better to finish the products within 6months after open.

6 ATTENTIONS

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

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wrong ratio.

- Time of vulcanization depends on manufacturing and thickness of products. It should be adjusted according to different situation.
- Avoid mix products with nitrogen, phosphorus, sulfur and tin, etc. These materials may affect or stop vulcanization.
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7 USE OF TECHNOLOGY

- This product is composed by A & B packages. Suggest using in percentage 1:1. Please mix A & B without air in static mixing equipment. Make sure releasing air if there are bubbles when mixing. It is suggested that the curing temperature should be between 120°C and 150°C, and the actual product design requirements should prevail.

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8 TYPICAL PROPERTY DATA

Test Item	Unit	Test Conditions	Test Method	Data	
				A component	B component
Appearance	---	---	---	colourless-transparent	colourless-transparent
Dynamic Viscosity	$10^{-4}\text{mPa}\cdot\text{s}$	6#, 10rpm	DIN 53019-1	---	16.0
Density	g/cm^3	$105^{\circ}\text{C}\times 15\text{min}$	ISO 2781	1.075	
Hardness	HA	$105^{\circ}\text{C}\times 15\text{min}$	ISO 48-4	30	
Tensile Strength	MPa	$105^{\circ}\text{C}\times 15\text{min}$	JIS K 6251 Type 1	6.0	
Elongation	%	$105^{\circ}\text{C}\times 15\text{min}$	JIS K 6251 Type 1	700	
Tensile Set	%	$105^{\circ}\text{C}\times 15\text{min}$	JIS K 6251 Type 1	2.0	
Tear Strength	N/mm	$105^{\circ}\text{C}\times 15\text{min}$	ISO 34-1 Die B	13.0	

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

9 FOR INDUSTRIAL USE

- 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.
- 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.
- 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.
- 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.
- We reserve the right to change the product parameters without prior notice.

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