

## Wynca<sup>®</sup> TYL-6120/40

Liquid Silicone Rubber

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### BRIEF INTRODUCTION

- The TYL-6120/40 is a two-component cure LSR which is suggested to processed by liquid injection molding.

### ITEM NO.

- TYL-6120/40

### KEY FEATURES

- High manufacture efficiency, few waste edges, energy-saving
- Good physical properties, high transparency
- Pass FDA 21 CFR 177.2600
- Pass LFGB
- Pass RoHS

### APPLICATIONS

- Baby pacifier
- Soother
- Ordinary rubber products

### PACKAGE

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

## NOTICE FOR TRANSPORTATION, STORAGE

- Product's safety information doesn't include instructions.
- Please read product instructions and MSDS before using. Contact with our staff for more information about safe handling.
- 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: 12 months at room temperature. It will be better to finish the products within 6 months after open.

## Attention

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

### 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. 120°C -150°C is the ideal temperature for vulcanization.

### TYPICAL PROPERTY DATA

Test Item	Unit	Data
Appearance	--	light blue-transparent
Viscosity (A component)	10 <sup>4</sup> mPa s	650
Viscosity (B component)	10 <sup>4</sup> mPa s	650
mechanical properties (2mm piece molded 105°C×15min)		
Hardness	Shore A	40
Specific Gravity	g/cm <sup>3</sup>	1.120
Tensile Strength	MPa	9.5
Elongation	%	650
Tear Strength	kN/m	30.0
Tensile Set	%	2.0

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

## For industrial use notes

- It is responsibility of the user to determine the suitability of any Wynca Group products.
- Specifications are available by contacting Wynca Group Typical property data values should not be used as specification. In as much as Wynca Group has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained.
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