

## Wynca<sup>®</sup> TY171-10

### General Purpose Type Silicone Rubber

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#### I. BRIEF

- General-purpose type heat cured compounds for molding.

#### II. KEY FEATURES

- Excellent process ability
- Excellent mechanical performance
- Conform to the FDA 21 CFR 177.2600 certification
- Conform to the LFGB certification
- Conform to the RoHS certification

#### III. APPLICATIONS

- Miscellaneous pieces of small industrial (circle pad, etc.)
- Rubber parts in contact with the food

#### IV. HANDLING, SAFETY AND STORAGE

- Product safety information required for safe use is not included.
- 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 Group website at [www.Wynca.com](http://www.Wynca.com). You can also obtain a copy from your local Wynca Group sale representative.
- When stored at or below 38°C in the original unopened containers, this product has a usable life of 6 months from the date of production; Please put to use within 3 months had better.

## V. PACKAGING

- 20kg box.

## VI. TYPICAL PROPERTY DATA

| Test Item                   | Unit     | Test Conditions     | Value       |
|-----------------------------|----------|---------------------|-------------|
| Appearance                  | --       | --                  | transparent |
| Plasticity                  | 0.01mm   | --                  | 110         |
| Specific Gravity            | $g/cm^3$ | 1% C-6A/170°C×10min | 1.020       |
| Post-cured Tensile Strength | MPa      | 1% C-6A/200°C×2h    | 1.5         |
| Post-cured Tensile Set      | %        | 1% C-6A/200°C×2h    | 3.0         |
| Post-cured Elongation       | %        | 1% C-6A/200°C×2h    | 600         |
| Post-cured Tear Strength B  | N/mm     | 1% C-6A/200°C×2h    | 8.0         |
| Post-cured Linear Shrinkage | %        | 1% C-6A/200°C×2h    | 3.9         |
| Post-cured Hardness         | HA       | 1% C-6A/200°C×2h    | 8           |
| FDA                         | --       | --                  | pass        |
| LFGB2                       | --       | --                  | pass        |
| RoHS                        | --       | --                  | pass        |

- Specification writers: These values are not intended for use in preparing specifications. Please contact your local Wynca Group sales representative prior to writing specification on this product.

- Properties obtained: Press cured 10 minutes at 170°C, 1% catalyst:  
2,5-bis[tert-butylperoxy]-2,5-dimethylhexane.

## VII. 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.

◆ Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the material described herein are not to be construed as constituting a license under any Wynca Group.

◆ Patent covering use or as recommendations for use of such material in infringement of any patent. Material safety data sheets are available upon request from Wynca Group.

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