



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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**TDS of Silicone rubber material for Kitchen utensils and appliances industry
class IOTA6420/50-C^Y, IOTA6621/30^Y, IOTA6610/30-C^Y**

| Item | IOTA6420/50-C ^Y | IOTA6621/30 ^Y | IOTA6610/30-C ^Y |
|-----------------------------|---|---|--|
| Product | Cake mould, eat mat, insulating gloves, scraper, ice, fresh cap, steamer pad, etc | | |
| Products Feature | Good mechanical strength | Liquid coating forming, steamer pad | |
| special performance | | Viscosity : A:0.8Pa.s, B:10 (A/B=1/10) | Viscosity : A:0.2Pa.s, B:15Pa.s (A/B=2/100) |
| Appearance | Transparent | Transparent | Semitransparent |
| Hardness(HA) | 48 | 35 | 30 |
| Density(g/cm ³) | 1.12 | 1.11 | 1.09 |
| Tensile strength (Mpa) | 8.0 | 6.5 | 4.2 |
| Elongation (%) | 550 | 450 | 430 |
| Tear strength (N/mm) | 40.0 | 20.0 | 7.5 ^C |
| Conditions of vulcanization | 10 5 °C ×15min | | |

Notes:

- **Items containing "*" represent the secondary vulcanization data; Others represent first vulcanization data; "Y" for the liquid glue**
- **Hardness containing "C" represent ASKER C Others represent Shore A**
- **Tear mark: A cut mouth with crescent type cutter testing; C - domestic orthogonal cutting test; Not marked for JISK type B**

For details, please contact,

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