



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 IOTA971-10*, 20*, 30*, 40*, 50*, 60*, 70*, 80*, 90***

Item	IOTA 971-10*	IOTA 971-20*	IOTA 971-30*	IOTA 971-40*	IOTA 971-50*	IOTA 971-60*	IOTA 971-70*	IOTA 971-80*	IOTA 971-90*
Product	Cake mould, eat mat, insulating gloves, scraper, ice, fresh cap, steamer pad, etc								
Products Feature	General purpose for molding , high strength , good processability								
Appearance	Transparent								
Hardness(H A)	8	18	29	42	53	62	72	82	90
Density(g/c m ³)	1.03	1.07	1.11	1.12	1.15	1.17	1.19	1.22	1.24
Tensile strength (Mpa)	1.5	6.0	10.0	10.0	9.0	10.0	10.0	9.0	8.0
Elongation (%)	650	800	800	650	550	360	350	300	100
Tear strength (N/mm)	5.0	10.0	25.0	25.0	30.0	30.0	30.0	30.0	20.0
vulcanizing agent	2 , 5 -b i s [t e r t - b u t y l p e r o x y] - 2 , 5 - i m e t h y l l h e x a n e								

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**

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