



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

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**TDS of Silicone rubber material for Kitchen utensils and appliances industry
class IOTA171-20*, 30*, 40*, 50*, 60*, 70*, 80***

Item	IOTA 171-20*	IOTA 171-30*	IOTA 171-40*	IOTA 171-50*	IOTA 171-60*	IOTA 171-70*	IOTA 171-80*
Product	Cake mould, eat mat, insulating gloves, scraper, ice, fresh cap, steamer pad, etc						
products Feature	Economical purpose for molding , High transparency						
Appearance	Transparent						
Hardness (HA)	18	30	40	52	62	72	82
Density (g/cm ³)	1.06	1.11	1.11	1.14	1.17	1.18	1.22
Tensile strength (Mpa)	5.0	8.5	9.0	9.0	10.0	10.0	8.5
Elongation (%)	800	850	750	550	500	400	300
Tear strength (N/mm)	10.0	15.0	25.0	25.0	25.0	30.0	30.0
Linear shrinkage (%)	3.9	3.8	3.8	3.6	3.6	3.6	3.6

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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