



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
日月科技园

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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 home appliance accessories and miscellaneous pieces IOTA151-10, 20, 30, 40, 50, 60, 70, 80, 90

Item	IOTA 151-10	IOTA 151-20	IOTA 151-30	IOTA 151-40	IOTA 151-50	IOTA 151-60	IOTA 151-70	IOTA 151-80	IOTA 151-90
Product	Rings, gaskets etc products, rice cooker gaskets, circle of pressure cooker								
Products Feature	Economical purpose for molding, good physical and mold-release property.								
Appearance	semitransparent								
Hardness(HA)	10	20	30	40	50	60	70	80	90
Density (g/cm ³)	1.01	1.09	1.10	1.13	1.16	1.19	1.22	1.24	1.23
Tensile strength (Mpa)	1.5	6.0	7.5	9.0	9.0	9.0	8.5	8.0	7.5
Elongation (%)	800	900	800	600	450	450	350	230	60
Tear strength (N/mm)	7.0	20.0	20.0	25.0	25.0	25.0	25.0	25.0	15.0
Linear shrinkage (%)	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1

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
- **vulcanizing agent,** IOTA 5* using platinum vulcanizing agent, Liquid adhesive curing : conditions 105°C×15min, Others vulcanizing agent is 2,5-bis[tert-butylperoxy]-2,5-dimethylhexane.



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