



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.**

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

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**TDS of Silicone rubber material for home appliance accessories and miscellaneous pieces IOTA151- 50\*, 60\*, 70\***

Item			IOTA 151- 50*	IOTA 151- 60*	IOTA 151- 70*
Product			The solar water heater accessories, steam pot seal ring, hanging ironing machine seal rings etc		
Products features			Good steam resistance and heat resistance. Low compression set		
Special performance	Steam aging performance (150°C×7d)	TS(MPa)	4.0	5.0	4.0
		EL ( % )	100	250	100
		HA	2	2	1
Appearance			Milk-yellow		
Hardens (HA)			50	60	73
Density (g/cm <sup>3</sup> )			1.13	1.16	1.19
Tensile strength (Mpa)			8.0	10.0	10.0
Elongation (%)			400	350	300
Tear strength (N/mm)			25.0	25.0	30.0
Linear shrinkage(%)			3.7	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
- **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.**

For details, please contact,

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