



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 Medical apparatus and instruments**

**IOTA5971-60\*,70\*,80\*, IOTA971-60\*, 60K**

Item	IOTA5971-60*	IOTA5971-70*	IOTA5971-80*	IOTA971-60*	IOTA971-60K
Product	Catheters, medical catheter and gastric tube and other accessories				
Products Feature	Platinum extrusion			Compression molding	
Appearance	Transparent				
Hardness(HA)	64	70	78	62	60
Density (g/cm <sup>3</sup> )	1.17	1.20	1.22	1.17	1.16
Tensile strength (Mpa)	10.0	10.5	10.0	10.0	11.0
Elongation (%)	520	450	350	600	750
Tear strength (N/mm)	30.0	30.0	20.0	30.0	30.0
vulcanizing agent	Platinum vulcanizing agent			2,5-bis[tertbutylperoxy]-2,5-dimethyl hexane	

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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