



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 Flame retardant high temperature resistant  
IOTA2961-40, 50, 60**

Item	IOTA 2961-40	IOTA2961-50	IOTA2961-60
Product	Air compressor, motorcycle flame retardant sealers, flame Retardant wire, sheet, pipe fittings		
Products Feature	Certification through the UL94V-0		
special performance	fire resistance : UL94V-0(1mm) fire resistance : UL94V-0(2mm) volume resistivity : $1.0 \times 10^{15} \Omega \cdot \text{cm}$ breakdown voltage : $\geq 22.0 \text{ MV/M}$		
Appearance	Black		
Hardness(HA)	42	53	56
Density ( g/cm <sup>3</sup> )	1.39	1.48	1.49
Tensile strength ( Mpa )	5.0	4.5	5.0
Elongation (%)	600	500	450
Tear strength (N/mm)	15.0	15.0	15.0

- **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:** 2,5-bis[tert-butylperoxy]-2,5-dimethylhexane;
- **Items containing** "\*" represent the secondary vulcanization data; Others represent first vulcanization data; "Y" for the liquid glue.

For details, please contact,

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