



TECHNOLOGY MAKES LIFE BETTER

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**TDS of Silicone rubber material for electrical power, communication**  
**IOTA971-30C\*, 50C\***

Item	IOTA971-30C*	IOTA971-50C*
Product	Cable connectors, Transformer shelter	
Products feature	High breakdown voltage, good insulation performance	
Special performance	Dielectric strength : 27.0 MV/M Volume resistivity: $1.0 \times 10^{15} \Omega \cdot \text{cm}$	
Appearance	Dark grey	Brownish black
Hardness (HA)	36	48
Density (g/cm <sup>3</sup> )	1.29	1.28
Tensile strength (Mpa)	7.0	8.0
Elongation (%)	550	550
Tear strength (N/mm)	20.0	25.0
Vulcanizing agent	2,5-bis(tert-butylperoxy)-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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