



TECHNOLOGY MAKES LIFE BETTER

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IOTA CORPORATION LTD.

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TDS of Silicone rubber material for auto parts IOTA 231-50*

Item	IOTA 231-50*	
Product	Car self-lubrication wiring harness, Seal parts	
Products feature	Good self oil perspiring, heat resistance and low compression set	
Special performance	Surface oil separation	heat-aging strength : 10.0%
	CS : 10.0%	heat-aging elongation : 10.0%
	25%×175°C×22h	heat-aging hardness change : 3HA
Appearance	Milk-yellow	
Hardens (HA)	50	
Density (g/cm ³)	1.17	
Tensile strength (Mpa)	10.0	
Elongation (%)	400	
Tear strength (N/mm)	25.0	

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:** 2,5-bis[tert-butylperoxy]-2,5-dimethylhexane;
- **Liquid adhesive curing conditions:** 105°C×15min.

For details, please contact,

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