



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 electrical power, communication
IOTA1841-40*, IOTA6141-35, 40, 6341-40

Item	IOTA1841-40*	IOTA6141-35	IOTA6141-40	IOTA6341-40
Product	cold shrink cable、Intermediate head、Trongs			
Products feature	Good insulating performance	High tear strength. Insulating performance, low Expansion of permanent deformation		High tear strength. Good insulating performance, low Expansion of permanent deformation
Special performance		sensible set:10.0% Dielectric strength: 23.0 MV/M	Sensible set:6.0% Dielectric strength: 24.0 MV/M	sensible set:5.0% Dielectric strength: 25.0 MV/M Tracking resistance : 1A3.5 grade
Appearance	Transparent	Milk white	Milk white	Milk yellow
Hardness (HA)	42	35	41	41
Density (g/cm ³)	1.10	1.14	1.14	1.13
Tensile strength (Mpa)	9.0	9.0	11.0	11.0
Elongation (%)	600	800	700	700
Tear strength (N/mm)	25.0	30.0 ^c	40.0 ^c	40.0 ^c
Vulcanizing agent	2,5-bis(tert-butylperoxy)-2,5-dimethyl			

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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