



TECHNOLOGY MAKES LIFE BETTER

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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
IOTA6145-40P*, IOTA6745-40***

Item	IOTA6145-40P*	IOTA6745-40*
Product	The cold shrink cable, 4g communication cable casing	
Products feature	Platinum sulfide extrusion, machining, good processing properties, high tearing, Permanent deformation of low expansion, good insulating property	DCBP, Low expansion permanent deformation, good insulating performance
Special performance	sensible set: 5.0% Dielectric strength: 24.0 MV/M Volume resistivity: $0.6 \times 10^{15} \Omega \cdot \text{cm}$	sensible set: 8.0 Dielectric strength: 24.0 mv/m Volume resistivity: $1.0 \times 10^{15} \Omega \cdot \text{cm}$
Appearance	Transparent	Milk white
Hardness (HA)	41	42
Density (g/cm ³)	1.14	1.14
Tensile strength (Mpa)	9.0	8.0
Elongation (%)	800	550
Tear strength (N/mm)	40.0 ^c	20.0 ^c
Vulcanizing agent	Platinum vulcanizing agent	2,4-dichlorobenzoyl peroxide

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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