



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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**TDS of Silicone rubber material for Flame retardant high temperature resistant
IOTA3751-30*, 40*, 50*, 60*, 70***

Item	IOTA3751-30*	IOTA3751-40*	IOTA3751-50*	IOTA3751-60*	IOTA3751-70*
Product	Oven, high temperature airtight sealing strip, alloy jewelry mould, hot stamping rubber roller.				
Products Feature	Good heat resistant performance, colorless transparent.				
	280°C×48h				
special performance	heat-aging strength : 3.0 MPa heat-aging elongation : 400% heat-aging hardness change : -10 HA	heat-aging strength :5.0 MPa heat-aging elongation :400% heat-aging hardness change : 2HA	heat-aging strength:5.0 MPa heat-aging elongation :350% heat-aging hardness change : 2HA	heat-aging strength :5.0 MPa heat-aging elongation :300% heat-aging hardness change : 5 HA	heat-aging strength :5.0 MPa heat-aging elongation :200% heat-aging hardness change : 3 HA
Appearance	Milk-yellow				
Hardness(HA)	30	42	51	60	69
Density(g/cm³)	1.15	1.17	1.18	1.21	1.22
Tensile strength (Mpa)	8.0	9.5	11.0	10.0	11.0
Elongation (%)	750	600	500	480	330
Tear strength (N/mm)	12.0	15.0	25.0	25.0	25.0

- **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



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vulcanization data; "Y" for the liquid glue.

For details, please contact,

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