



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 swimming class equipment with IOTA351-20, 30, 40, 856-20, 221-20

Item	IOTA351-20	IOTA351-30	IOTA351-40	IOTA856-20	IOTA221-20
Product	Swimming cap, head strap				
Products Feature	Good resilience and tensile properties, feel comfortable.				
Appearance	Semitransparent				
Hardness (HA)	18	30	39	19	18
Density (g/cm ³)	1.11	1.11	1.12	1.07	1.06
Tensile strength (Mpa)	5.5	8.0	7.5	5.0	4.5
Elongation (%)	650	700	500	900	900
Tear strength (N/mm)	15.0	24.0	24.0	12.0	12.0
Linear shrinkage (%)	3.4	3.4	3.3	3.5	3.6
Vulcanizing agent	2,5-bis[tert-butylperoxy-2,5-dimethylhexane				

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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