



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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IOTA FINE SIL520A Silicon Dioxide

IOTA FINE-SIL520A silicon dioxide for toothpaste is amorphous powder, tasteless, insoluble in water or acid, chemically inert, has good solubility with fluoride toothpaste and other raw materials, structure and particle size of silica can be controlled by production conditions, according to different types of toothpaste, respectively produce 2 types: mixed type and thickening type.

Main specifications and technical data

IOTA FINE-SIL520A series has been tested, it is comply with the light industry standard of People's Republic of China QB/T2346-97

ITEM	Mixed type	Thickening type
SiO ₂ (dried)	≥98	≥98
Apperance	White Powder	White Powder
Whiteness %	≥98	≥98
PH Vaule (5% water dispersion)	6.5-8.5	6.5-8.5
Pass 320 Mesh Screen %	≥99	≥99
Loss on Drying (105°C)	≤10	≤10
Loss on Ignition (900°C) %	≤6	≤6
Drink Value ml/20g	30-42	45-60
Na ₂ SO ₄ content %	≤0.4	≤0.4
NaCl content %	≤0.1	≤0.1
Sulfide Content	None	None
Heavy Metals(Pb) Content	≤20	≤20
As Content mg/kg	≤2	≤2
Bacilli cfu/g	≤200	≤200

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