

Product Specification



Product code:	Product name:	Particle size:
RK103	Rutile sterling silver	10-60 μ m

Composition	Content	CAS No.	EC No.	CI No.
Mica	66%-77%	12001-26-2	--	77019
Titanium dioxide (TiO ₂)	23%-33%	13463-67-7	236-675-5	77891
Tin Oxide (SnO ₂)	0%-1%	18282-10-5	242-159-0	77861

Test items	Product Information	Test method
Appearance	Silver white, free flowing powder	RIKA In House Method
Odor	odorless	RIKA In House Method
Particle size	10-60 μ m (80% under this range)	Laser diffraction measurement
pH value	6-10(10% aqueous suspension)	ISO787-9
Loss on drying	\leq 0.5% (105 $^{\circ}$ C)	ISO787-2
Oil absorption	55-75g/100g	ISO787-5
Density (20 $^{\circ}$ C)	2.9-3.1g/cm ³	ISO787-10
Bulk density	10-30g/100ml	ISO60-2000

Heavy metal	Product Information	Test method
Lead (Pb.)	<10 ppm	ICP/ICP-MS
Antimony (Sb.)	<2 ppm	ICP/ICP-MS
Arsenic (As.)	<2 ppm	ICP/ICP-MS
Barium (Ba.)	<50 ppm	ICP/ICP-MS
Cadmium (Cd.)	<3 ppm	ICP/ICP-MS
Chrome (Cr.)	<100 ppm	ICP/ICP-MS
Mercury (Hg.)	<1 ppm	ICP/ICP-MS
Selenium (Se.)	<10 ppm	ICP/ICP-MS
Copper (Cu.)	<50 ppm	ICP/ICP-MS
Nickel (Ni.)	<10 ppm	ICP/ICP-MS
Zinc (Zn.)	<50 ppm	ICP/ICP-MS
Cobalt(Co.)	<30 ppm	ICP/ICP-MS

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