



OLYMPIC GOLD

技术参数 Technical Data



Product code: RK306
Product name: Olympic gold
Particle size: 10-60 µm

Composition	Content	CAS No.	EC No.	CI No.
Mica	58%-66%	12001-26-2	-	77019
Titanium dioxide (TiO ₂)	13%-17%	13463-67-7	236-675-5	77891
Diliron Trioxide(Fe ₂ O ₃)	21%-25%	1309-37-1	215-168-2	77491

Test items	Product Information	Test method
Appearance	gold, free flowing powder	RIKA In House Method
Odor	odorless	RIKA In House Method
Particle size	10-60µm (80% under this range)	Laser diffraction measurement
pH value	6-10(10% aqueous suspension)	ISO787-9
Loss on drying	≤0.5% (105℃)	ISO787-2
Oil absorption	55-60g/100g	ISO787-5
Density (20℃)	3.0-3.2g/cm ³	ISO787-10
Bulk density	15-40g/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
Chromium (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

Angle	White Base			Black Base						
	L*	a*	b*	L*	a*	b*				
45°	120.28	6.25	70.55	70.83	84.94	115.42	4.30	67.16	67.29	86.34
45°	84.35	7.49	55.49	55.99	82.31	75.42	3.78	50.50	50.64	85.72
45°	58.18	9.53	39.50	40.63	76.44	37.13	4.05	26.26	26.57	81.23
45°	53.49	10.69	36.11	37.66	73.51	26.02	3.58	16.08	16.47	77.45
45°	53.92	14.65	40.96	43.50	70.31	24.82	5.06	16.95	17.69	73.39