

Product code:	Product name:	Particle size:
RK300	Gold pearl	10-60 μ m

Composition	Content	CAS No.	EC No.	CI No.
Mica	57%-64%	12001-26-2	--	77019
Titanium dioxide (TiO ₂)	35%-39%	13463-67-7	236-675-5	77891
Diiron Trioxide(Fe ₂ O ₃)	1%-4%	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	55-90g/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
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

	Angle	White Base					Black Base				
		L*	a*	b*	c*	h°	L*	a*	b*	c*	h°
RK300	45as15	122.78	6.66	68.04	68.37	84.41	114.68	5.48	65.08	65.31	85.18
	45as25	88.29	5.77	50.10	50.43	83.43	76.52	4.52	47.63	47.84	84.57
	45as45	61.97	5.61	30.84	31.34	79.70	39.34	4.02	24.23	24.56	80.59
	45as75	56.93	6.46	26.96	27.72	76.53	28.08	3.37	15.25	15.62	77.53
	45as110	57.58	10.66	32.14	33.87	71.65	27.47	4.42	15.92	16.53	74.49