

Product code: RK9151 Product name: Crystal Luster pearl Particle size: 10-100 μ m

Composition	Content	CAS No.	EC No.	CI No.
Fluorophlogopite	81%-85%	12003-38-2	234-426-5	
Titanium dioxide (TiO ₂)	15%-19%	13463-67-7	236-675-5	77891

Test items	Product Information	Test method
Appearance	Silver white, free flowing powder	RIKA In House Method
Odor	odorless	RIKA In House Method
Particle size	10-100μm (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	90±20g/100g	ISO787-5
Density (20℃)	2.8-3.4g/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°
RK9151	45as15	131.89	-1.99	-4.73	5.13	247.14	123.47	-3.23	-8.64	9.22	249.47
	45as25	94.52	-0.33	0.85	0.91	111.06	77.36	-3.13	-7.06	7.72	246.08
	45as45	72.45	2.21	6.57	6.94	71.43	36.19	-1.73	-8.58	8.76	258.62
	45as75	70.11	2.56	8.23	8.62	72.70	22.87	-0.89	-11.02	11.06	265.37
	45as110	73.95	1.94	7.91	8.15	76.24	21.59	-0.69	-12.69	12.71	266.91