

Product Specification



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|---------------|---------------|----------------|
| Product code: | Product name: | Particle size: |
| RK402 | Silver black | 10-60 μ m |

| Composition | Content | CAS No. | EC No. | CI No. |
|--------------------------------------|---------|------------|-----------|--------|
| Mica | 70%-80% | 12001-26-2 | -- | 77019 |
| Titanium dioxide (TiO ₂) | 20%-30% | 13463-67-7 | 236-675-5 | 77891 |
| Pigment Black 7 | 0%-1% | 1333-86-4 | 215-609-9 | 77266 |

| Test items | Product Information | Test method |
|---------------------------|--------------------------------------|-------------------------------|
| Appearance | black, 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 | 60-90g/100g | ISO787-5 |
| Density (20 $^{\circ}$ C) | 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 |

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