**Water-based hyperdispersant**

**RD-9310**

**Product features and advantages:**

Water-based hyperdispersant is used to produce liquid paste with high solid and low viscosity, excellent coloring power and good storage stability of color paste.

**Product parameter**：

|  |  |
| --- | --- |
| appearance | Light yellow liquid |
| Solid content | 40% |
| PH value | 7-8 |
| solvent | water |
| Viscosity (25℃) | 60 seconds (apply 4# cups) |
| Dissociative state | Anionic type |
| Chemical composition | Large molecular weight aqueous acrylic copolymer containing carboxyl group, no VOC |

**Field to use:**

It is suitable for wet grinding of organic and inorganic powders with and without resin dispersion. It is used for wetting dispersion of water-based coating system, printing ink and adhesive, water-based industrial paint and wood paint, ink, pesticide and other fields.

**Recommended dosage：**

|  |  |  |
| --- | --- | --- |
| Pigment/amount added | Resin-free grinding (pigment %) | Resin grinding (formula %) |
| Inorganic pigment | 5~10% | 2~3% |
| Organic pigment/carbon black | 20~50% | 3~5% |

**Usage:** Add deionized water, dispersant, defoamer, resin, etc. in order to disperse evenly, and then add powder to disperse evenly grind.