**Dispersant**

**RD-9605**

**Product features and advantages:**

RD-9605 is a polymer dispersant, mainly in the water-based system for inorganic pigments (iron oxide, titanium dioxide, ceramic powder and fillers) grinding and dispersing, has excellent wetting dispersion and anti-flocculation effect on pigments, inorganic pigments outstanding viscosity reduction, and has a good anti-floating color flower effect, good water resistance.

**Product parameter**：

|  |  |
| --- | --- |
| appearance | Yellow viscous liquid |
| Nonvolatile fraction | 40±2％ |
| Specific gravity | About1.1g/cm3 |
| Chroma (Gardner) | ＜8 |
| PH | >7 |

**Recommended dosage calculation formula:**

Amount of dispersant (g) = [specific surface area of pigment (m2/g) ÷ 500] × weight of pigment (g)

|  |  |  |
| --- | --- | --- |
| Pigment type | Inorganic pigment | Calcium carbonate and other filler |
| Dispersant dosage (100% active content) | 0.5－3.0% | 0.2－1.0％ |

**Use:**

First dissolve RD-9605 in the mixture of grinding base material, and then add pigment for grinding.

**Scope of application:**

In the production of water-based color paste, water-based architectural coatings, ceramic ceramics, used for the grinding and dispersion of inorganic pigment fillers (iron oxide, titanium dioxide, ceramic powder, fillers);

**Storage conditions and shelf life:**

1, away from high temperature and fire;

2, placed in a ventilated and cool place;

3, please seal after use;

4, shelf life of 12 months.

**Packing specification:**

Net weight 200/ barrel, 1000Kg/ barrel.