**Aqueous inorganic powder nanodispersing agent**

**RD-9510**

**Product features and advantages:**

The product has excellent physical and chemical properties, strong adsorption of ultrafine particles of inorganic powder, good dispersion and stability effect, low viscosity of slurry, rapid decline in particle size, grinding spray drying of nano inorganic powder, and the dried powder does not clump flocculation.

**Product parameter**：

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| viscosity | Paint 4# cups 95 "(25 ° C) |
| Effective content | 80% |
| PH value | 8 |
| diluent | Deionized water |
| Molecular weight | 70000 |
| Decomposition temperature | >200℃ |
| Sintering residue | The residual mass of 250kg liquid dispersant after sintering is 0.05~0.1kg |
| Chemical composition | Aqueous supermolecular polymers containing carboxyl groups |

**Field to use:**

Mainly used for ceramic powder, alumina, cerium oxide, magnesium oxide, titanium dioxide, and other inorganic powder nanometer ultrafine dispersion grinding, small amount of grinding time short efficiency. It is an excellent additive for the production of ultrafine powder grinding.

**Recommended dosage:** 1%~2% of the total formula, the specific dosage according to the need to increase or decrease.

**Usage:** In order to obtain the best performance, first pre-mix the resin and solvent components, slowly add additives, mix evenly, and then add pigments.