**Dispersant for electronic materials**

**RD-9920**

**Product features and advantages:**

The dispersant has excellent grinding and dispersing effect, good viscosity reduction effect and antistatic property.

**Product parameter**：

|  |  |
| --- | --- |
| appearance | Colorless transparent liquid |
| density | ≈1（20℃ g/ml） |
| Solid content | 99.9% |
| Chemical composition | Propylene oxide copolymer containing an amine group |

**Field to use:**

It is applied to the wet grinding of carbon materials in carbon nanotubes, lithium iron phosphate, silicon powder and other inorganic powder materials, NMP, acetone, dimethyl sulfoxide, anhydrous ethanol, deionized water and other systems.

**Recommended dosage:**

Recommended dosage calculation formula: dosage of dispersant (g)=[specific surface area of the material (m2/g)÷500]× weight of the material (g)

|  |  |  |
| --- | --- | --- |
| Materials | Carbon material | Lithium iron phosphate |
| Pigment content % | 10~20% | 3~10% |

**Usage:** Add in the order of solvent and dispersant, disperse evenly, add raw materials and pre-disperse for 30 minutes, then grind on the machine.