**Water-based graphene dispersant**

**RD-9608**

**Product features and advantages:**

It can make water-based graphene dispersion liquid with high solid content and low viscosity, which is easy to grind and disperse, and can make nano graphene slurry, which is well ground graphene slurry and has excellent storage stability. Nanometer slurry is simple to make, short grinding time, and is an ideal dispersant for making high solid water-containing graphite slurry.

**Technical parameter**：

|  |  |
| --- | --- |
| appearance | Light yellow viscous liquid |
| Active ingredient | 60% |
| PH value | 8（stoste） |
| ionism | anion |
| The sixth element 1231 graphene | 10% |
| Graphene dispersant | 6% |
| Anhydrous ethanol | 20% |
| defoamer | 0.2% |
| Deionized water | 63.8% |
| total | 100% |
| Chemical composition | Polymeric block copolymers containing pigment affinity groups |

**Field to use:**

Water-based dispersant is a superdispersant specially developed for water-based graphene dispersion.

**Recommended dosage：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| makeup | graphene | Inorganic pigment | Organic pigment | Carbon black |
| Pigment content % | 50~100% | 5~10% | 20~30% | 20~30% |

**Usage:** First, the dispersant is completely dispersed into the material required for the formula, and then the base material is added to disperse uniform bead grinding.