**Water-based dispersant**

**RD-9811**

**Product features and advantages:**

1. Water-based dispersant high-speed dispersion or wet grinding. It is used in medium and high polarity system, as pigment wetting agent dispersant in water-based ink and paint, and as substrate wetting agent in printing varnish, which is helpful to improve gloss.

2. With dispersion resin, it has excellent dispersion ability and storage stability for pigments. In the high shear process to reduce the appearance of foam, the paint after construction has a better leveling and printing flatness.

**Product parameter**：

|  |  |
| --- | --- |
| appearance | Beige transparent liquid |
| smell | Slight no irritating odor |
| Solid content | >99% |
| Specific gravity | About 1.07 |
| PH value | 6±0.5 |
| solubility | It can be miscible with pure water, alcohol, ether and other solvents |
| Molecular weight | 550（Dead reckoning） |
| Chemical composition | Ethylene oxide & propylene oxide copolymer |

**Field to use:**

Can be used in the production of nitrile gloves, inkjet ink for wetting dispersion; Titanium dioxide, cerium oxide can be used as stable slurry; It can be used as a defoamer in the grinding of plastic inks containing ethanol system.

**Recommended dosage:**

The formula is 1-3%, and the effect is better with dispersed resin (the best addition amount needs to be determined by step test).

**Usage:** Add by grinding, disperse and grind together with other ingredients of the formula.