

Fluquid RW-11

Product Name: Nano Iron Oxide Red Water-Based Slurry

CAS No.: 1309-37-1

It is a high transparent iron oxide red water-based slurry, which is light resistant, weather resistant, non-toxic, and not color migrated with great hue, coloring power and dispersibility. It is a natural ultraviolet absorber, which can be used together with pearlescent pigment and organic pigment to play a special color effect. It is acid resistant, alkali resistant, solvent resistant grade 5, and its UV absorption capacity is greater than 95%.

Product Parameters:

Appearance: (visual inspection)	Red liquid
Odor (smell with nose)	Characteristic odor
Primary particle size (μm):	10.0-40.0
Particle size: (by fineness of grind gauges, μm)	5.0
Solid content (% , 105 °C , 3 hours):	30-40
pH value:	5-9
Temperature resistance (°C):	300
Dispersion solvent:	Water

Product Features and Applications:

Features:

- 1) Water-based slurry, environmentally friendly, non-toxic, good dispersibility, direct addition without dust pollution.
- 2) High transparency, it can achieve special optical effects when is used with pearlescent pigments and organic pigments.
- 3) High quality UV absorber, light resistance, weather resistance, high temperature resistance, acid and alkali resistance, excellent rust resistance.
- 4) Nanoparticles have good adhesion to the substrate, low content of heavy metals.

Technical Data Sheet

Version: EN 1.0

Applications:

Recommended for automotive coatings, wood paints, industrial paints, decorative paints, ink, antirust and protective paints.

Storage Information:

Manufacture area:	China
Packaging:	25 kg/barrel
Storage:	Sealed, storage in a cool and dry place away from light
Shelf life:	24 months

Date: 2021/8/2