

Feiront AQ11R

Product Name: Water-based Instant Iron Oxide Red

Iron oxide red powder, treated by advanced hydrophilic surface modification technology, the modified powder can be quickly wetted in the water like instant coffee powder to form rapid expansion dispersion after slightly stirring, without the need of grinding. It is specially developed for water-based inks, as well as water-based liquid and powder coatings, which can replace water-based iron oxide paste. For pure powder form without solvent water, it has high pigment content, and better formula compatibility. It has fine particles, bright colors, and high gloss, covering power and weather resistance.

Product Parameters:

Appearance: (visual inspection)	Red powder
Iron oxide red content (%):	≥95.00
pH value:	3.50-8.00
Loss on drying (%):	≤2.00
Temperature resistance (°C):	300
Particle size: (by fineness of grind gauges, μm)	5.00
Relative tinting strength:	95-103
Dispersibility (water/ solvent):	Hydrophilic

Product Features and Applications:

Features:

- 1) High purity iron red inorganic pigment, free of VOC and APEO, safe, environment-friendly, odorless, non-toxic and harmless.
- 2) Easy to use, directly added, fast soluble in water, fine particles.
- 3) Strong covering and coloring power.
- 4) Acid and alkali resistance, high temperature resistance, good weather resistance, stable performance and no color migration.

(Suggestion: pre-disperse with two parts of water and then add to formula)

Applications:

Mainly used in the coloring of colored sands, colored beads, water-based coatings, inks, industrial paints, colored mortar, paper, and leather.

After pre-dispersion by ball mill, it'll have better performance.

Storage Information:

Manufacture area:	China
Packaging:	30 kg/barrel
Storage:	Sealed, storage in a cool and dry place away from light
Shelf life:	24 months

Date: 2021/8/1