

TECHNICAL DATA SHEET

JF POLYCARBOXYLATE SUPERPLASTICIZER POWDER

1. PRODUCT NAME:

JF POLYCARBOXYLATE SUPERPLASTICIZER POWDER 02 is polymerized by various macromolecule organic compounds, which is specialized for cement grouting and dry mortar. It has good adatability with cement and other admixtures. Due to it can enhance the fluidity, strength of final setting time, and decreased the crack after mortar solidified, so applied in cement non-shrinkage grouting , repair mortar, cement hase flooring grouting, water proof grouting, crack-sealer and expanded polystyrene insulation mortar. Futher, it also widely applied in gypsum, refractory and ceramic.

2. TYPICAL PROPERTIES:

ITEMS	SPECIFICATIONS
Appearance	White or yellowish powder
Solid content	98±0.5%
pH (23°C)	9.0±1.0
Na ₂ SO ₄ (%)	≤3.0
Water content(%)	≤3.0
Loss on ignition(%)	≥86
Chloridion content(%)	≤0.1
Bulk Density(kg/m ³)	600±50
Water reducing rate(%)	≥25

3. USING METHOD:

(1). The recommended dosage is 0.2% ~ 0.3%. It can use it directly or dilute with water, compound with other PCE is available.

4. MAIN PERFORMANCES

- (1). High water reducing rate: the water reducing rate can achieve at least 25% for mortar, enhanced the fluidity of mortar greatly.
- (2). Early strength and high strength: it can improve the early strength of mortar, improve the ultimate strength, it is the best option to the application required rapid curing.
- (3). High durability: It can decrease the water-binder ratio of the mortar, improve the durability, decreased the creep and shrinkage, crack after mortar solidified.
- (4). Green environmental product: It is not polluted to the environment, up to the standard of ISO 14000.

5. APPLICATIONS:

- (1). Strong dispersion and high water reducing ratio. Suitable for making high strength concrete.
- (2). Can effectively reduce concrete viscosity, good adhesion, moderate air content, suitable for pumping.
- (3). Hardening and durability of concrete is good. Strength is high at every concrete ages. Good volume stability and anti-permeability, freezing thawing, anti-corrosion and anti-carbonation effect is good.
- (4). Widely suitability for all mixing materials, such as portland cement, ordinary portland cement, slag portland, fly ash cement and volcanic ash cement.
- (5). Environmental friendly and nontoxic.

6. SAFETY AND HANDLING PRECAUTIONS:

Polycarboxylate superplasticizer, if direct and prolonged contact with eyes and skin may cause irritation. Wash the affected area of body with plenty of tap water immediately. If irritations persist for long time, please contact with doctor.

7. PACKING AND STORAGE:

25kg woven bag package, customized package available.

Stored in dry and cool place at room temperature, away from the sunshine.

The shelf is normally one year.
