

CHEMBALL (HANGZHOU) CHEMICALS CO., LTD

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TECHNICAL DATA SHEET

| ITEM | SNF-C |
|----------------------------|------------------------------|
| net starch fluidity (mm) | ≥ 210 |
| content of Chloride (%) | < 0.5 |
| PH value | 7 ~ 9 |
| surface tension(N/m) | $(7.1 \pm 1) \times 10^{-3}$ |
| solids content(%) | ≥ 91 |
| Na 2 SO 4 content(%) | < 19 |

| Parameters | | Criteria | Actual Results | Parameters | Criteria | Actual Results |
|---|-----------------------|----------|----------------|-------------------------|-----------|----------------|
| Water Reduction, % | | ≥ 14 | 16-22 | Compression strength, % | 1d ≥ 140 | 160 |
| Water Penetration, % | | ≤ 90 | 85 | | 3d ≥ 130 | 150 |
| Air Content, % | | ≤ 3.0 | 2.0 | | 7d ≥ 125 | 140 |
| Temporal Distribution for setting (min) | Initial setting time | -90 ~ | -90 ~ | 28d ≥ 120 | 125 | |
| | Terminal setting time | +120 | +120 | Shrinkage, % | 28d ≤ 135 | 888 |
| Corrosion to steel bars | | None | None | | | |

Note: Standard Blend Dosage:0.75 %(as cement amount)

USAGE:

1. Blending dosage at 0.5%-1.0%, 0.75% mixing dosage advised.
2. Prepare solutions as required.
3. Direct use of powder agent is allowed. Alternatively the addition of the agent is followed by water moisturization (water-cement ratio:60%).
4. The agent can be combined with other externally applied agents if pilot development or laboratory experiment succeeds

PACKING, STORAGE AND TRANSPORTATION

1. Package:

Powder: packing in Woven fabric bag with plastic inner. Net weight: 25kg \pm 0.2 kg or 50 kg \pm 0.2 kg or 750 kg \pm 0.2kg

Liquid: Sealed plastic drums to prevent accidental leakage and evaporation. The material can be delivered or transported by tank car.

2. Cautions:

Prevented from being torn by sharp-ended objects while packages are being transferred or delivered. When being contaminated by high humidity or moisture in case of leakage, it can be prepared in prescribed ways for further use without surrendering any effect.

3. It should be stored in a dedicated warehouse that is well-ventilated and dry. If be affected with damp, just smash or melt it into solution without any bad effect.

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