

# CHEMBALL (HANGZHOU) CHEMICALS CO., LTD

GAOJIAO ROAD, YUHANG DISTRICT , HANGZHOU ,ZHEJIANG ,CHINA, 311122

TEL &FAX NO.: 86 571 8627 3270

## 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.

开博(杭州)化工有限公司  
CHEMBALL(HANGZHOU)CHEMICALS CO.,LTD.

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