

CHEM PLAST NSSP

NAPHTHALENE BASED POWDER SUPERPLASTICIZER

DESCRIPTION:

CHEMPLAST NS is highly concentrated and low-alkali, sodium **naphthalene** sulfonate formaldehyde. It has good dispersing performance to cement particles. Compared with traditional plasticizer, it has higher water reducing rate and less corrosion to steel bar which greatly improve the shelf life of concrete buildings. It can be applied to cast-in-place concrete, precast concrete and precast parts, with good adaptability to common cement, and can be widely used in road, bridge, tunnel, industrial and civil constructions, steam curing and natural curing precast segment / structural members.

ADVANTAGES:

- High water reducing rate. By the recommended dosage, the water reducing rate can reach 15% -28%, with obvious performance of early strength.
- Improve the workability of concrete and enhance concrete quality, such as fracture resistance, compressive strength and reduced porosity & permeability.
- Save cost. In the case of maintaining the same workability and strength, cement consumption will be reduced, and can improve concrete fluidity, enhance the bonding between concrete and steel bar
- Wide adaptability, cost-effective. It has good adaptability to various cement, such as silicate cement, ordinary Portland cement, slag cement, volcanic ash cement, etc.
- Be mother material to formulate other functional admixtures, like type of early strength, set retarding, pumping, and anti-freezing etc.

TECHNICAL SPECIFICATIONS:

Appearance	Brown powder
Solid content	90% min
Na ₂ SO ₄	5.0% max-18.0% max
PH Value	7-9
Chloride content	0.6% max

DOSAGE:

Site Trials are must.
Ranging 0.2% to 0.3%
by weight of Cement

PACKAGING:

25kg Bag

STORAGE:

It should be stored in a dedicated warehouse that is well-ventilated, dry and keep away from moisture.

