

Sulphonated Naphthalene Formaldehyde Powder (SNF Powder)

Properties

CAS NO. 36290-04-7

Chemical Classification	Sodium salt of poly-naphthalene sulphonic acid
Appearance and Form	Beige to brownish free flowing powder
pH of 10% Solution	7 – 9
Bulk Density (g/cc)	0.70 ± 0.05
Ionic Nature	Anionic
Solubility	Soluble in water in all proportions
Shelf life	1 year

Specifications

Component	Unit	Value by weight	Test Method
Solid Content	%	94 ± 1	RLWI – 32
Sodium Sulphate Content	%	10 Max	RLWI – 33
Volatile Content (105°C/hr)	%	7 Max	RLWI – 17
Free Formaldehyde	%	1 Max	RLWI-31

Major Applications

- Ready mix concrete
- Precast and pre-stressed concrete
- In areas of congested reinforcement, where higher workability is of benefit
- In reducing water contents for the sake of improving impermeability and durability
- Pumpable concrete

Packing

- 25 kg polypropylene bag
- 600 kg polypropylene jumbo bag