

Sulphonated Naphthalene Formaldehyde

Brown powder dispersing agent

Product Description

Sulphonated naphthalene formaldehyde used as a dispersing agent in agrochemicals and construction.

Certificate of Analysis

HSN Code: 3824.40

CAS Number: 36290-04-7

Classification: Non-hazardous

Parameter	Specification	Test Method
Solid Content (for liquid grade)	40% ± 2%	Gravimetric
Sodium Sulphate Content (as Na ₂ S ₂ O ₄)	Max 5.0%	Chemical Analysis
pH (10% aqueous solution)	7.0 – 9.0	pH Meter
Moisture Content (for powder)	Max 5.0%	Gravimetric
Chloride Content (as Cl ⁻)	Max 0.3%	Argentometric
Sodium Sulphite Content (as Na ₂ SO ₃)	Max 0.2%	Iodometric
Sodium Carbonate Content (as Na ₂ CO ₃)	Max 1.0%	Acid-Base Titration
Bulk Density (Powder)	0.6 – 0.9 g/cm ³	Physical
Water Reduction (in cement mix)	Min 18%	ASTM C494
Solubility	Completely soluble in water	Visual

Physical Properties

Appearance: Brown to dark brown free-flowing powder (or liquid)

Solubility: Completely soluble in water

Packing: Powder: 25 kg HDPE bags with inner liner; Liquid: 250 kg HDPE drums or 1000 kg IBC tanks

Storage: Store in a cool, dry, and ventilated area. Avoid moisture, direct sunlight, and freezing conditions.

Safety & Handling

PPE: Gloves, goggles

Hazards:

- Mild eye irritation
- Skin irritation