Shandong Zhuoxing Chemical Co., Ltd.
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TDS of Viscosity Reducer JN08

Description

JN08 is an admixture used to reduce the viscosity of concrete, mortar, and other mixtures.

Technical Principle

By introducing specific functional groups and adjusting molecular weight, this product modulates the interparticle forces within the cement matrix and disrupts flocculation structures, thereby effectively reducing material viscosity and improving the flowability, pumpability, and workability of the mixture.

Advantages/Characteristics

(1) Fully water-soluble, making it easy to blend with other ingredients.

(2) To address the issues of sticky and heavy concrete caused by high levels of silt and stone powder.

(3) Address the issues of stickiness, caking, and slow flow caused by the low water-cement ratio in high-strength concrete.

(4) This product does not introduce air and has no effect on concrete strength.

Quality Specification

Item	Unit	Standard
Appearance	/	Off-white or light yellowish liquid
Density (23℃)	g/cm³	1.00±0.02
pH (23℃)	/	6.0±1
Cl^-	%	≤0.02
Total Alkali Content	%	≤0.3

Usage Instructions and Precautions

(1) When used in combination with admixtures such as polycarboxylic acid-based water-reducing agents, the recommended dosage of water-retaining agents is generally 0.01% to 0.03% of the total cementitious materials; the specific dosage should be adjusted based on the concrete grade, characteristics of the raw materials, and construction requirements.

(2) This product must not be mixed with naphthalene sulfonate admixtures.

(3) Compatibility testing is required when used with other admixtures.

Packaging Specifications

Plastic bulk drums, 1 ton per drum.

Storage & Transportation

This product is non-toxic and non-flammable and may be transported as a general chemical. Store in a dry, well-ventilated area, away from sunlight and rain. Store and transport at temperatures below 40℃.

Shelf Life

Shelf life of one year under specified storage and shipping conditions.