



# ACC Superplasticizer Polycarb—JSM1

General used polycarboxylate superplasticizer

## Description

JSM1 is a new type of concrete admixture produced by high technology synthesis method through high polymer structure design. The product has wide adaptability to cement, fly ash, GGBFS, sand and stone, also have the characteristics of high water reduction.

## Application

JSM1 can be applied in the production of ready-mixed and precast commodity concrete and in the preparation of large-volume, high-fluidity and high-strength concrete as well as high-dropping and self-compacting concrete to facilitate high strength gains.

## Features

- Light brown or colorless liquid.
- Has good stability and no precipitation at low temperature.
- Green environmental protection, non-toxic and harmless, conducive to the preparation of green concrete.
- Improve the adaptability of polycarb to cement, Fly Ash and GGBFS.
- Improve the adaptability of polycarb to sand and mud content.
- Improve the adaptability of polycarb to temperature and climate.

## Specifications

Chemical and Physical Properties	Value
Solid Content	50 ± 1 %
pH	6 ± 2
Bulk Density	1.100 ± 0.02 g/cm <sup>3</sup> (25°C)

## Usage

- The recommended dosage is 0.2-0.5%(solid content) of the cement materials, and the water reduction rate can reach 25-40%.
- Mix with other functional water reducing agent dosage is 20-90%.
- Users in the first use of this product or temporary replacement of cement varieties, please according to the construction requirements, conditions, reference to this manual, do the necessary test for the amount of mixing and methods, in order to obtain the best technical, economic benefits.
- The product can not be mixed with Sodium Naphthalene Formaldehyde, so as not to affect the performance.



# Packaging and Storage

- 200kg or 1000kg per plastic drum, or as per customer's special request.
- The product is non-toxic and non-flammable.
- This product should be stored in a cool place, avoid contact with steel products for a long time, should be covered for storage, should avoid the sun, rain and freezing, the storage temperature should be between 0-40°C, storage below 0°C will have the phenomenon of freezing, if found frozen can be heated until it melts and stir again evenly before use.
- The shelf life of this product is six months. If expired, the product shall be used after passing the inspection of technical indexes and meeting the requirements of the performance indexes that confirmed by the concrete test.

# Health and Safety

Wear suitable protective equipment to prevent contact with eyes, skin and clothing. Keep and store in a cool & dry place and keep away from direct heat and light. For further information please follow the Material Safety Data Sheet.

# Limited Warranty Notice

While ACC guarantees our products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with ACC that the product is suitable for the intended use. Technical characteristics are listed for guidance only.

# Technical Services

We have a perfect after-sales service mechanism, provide technical advice for users, product performance can reach the best user satisfaction effect.



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