

Product Description

PC 6030E is a kind of polycarboxylate superplasticizer granule with higher water reducing rate and **good early strength**.

It is with high water reducing rate, early strength, and can be 100%soluble into water. Which is based on the monomer of EPEG 6000, and other amino, sulfonic acid group monomer, to get the final ability both good at high water reducing rate and can promote early hydration of cement.

Specifications

Appearance	Buff or off-white flake
Moisture content	≤3%
Active Content	≥97%
Bulk density	500-650 g/l
pH value(20°C, 5% liquid)	5.0-7.0
Water reducing rate	>25%
Content of Cl	≤0.06
Alkali content	≤0.3
Ratio of bleeding rate	≤60%
Shrinkage ratio	≤110
1d compressive strength ratio(C25)	≥180
3d compressive strength ratio(C25)	≥170
7d compressive strength ratio(C25)	≥145
14d compressive strength ratio(C25)	≥135
28d compressive strength ratio(C25)	≥120

Application Range

Based on its characteristics, early strength polycarboxylate superplasticizer is mainly used in the following fields:

-Precast concrete components, such as pipe segments, piles, walls, stairs, etc., have the core purpose of improving mold turnover and shortening production cycles.

-Low temperature environment construction: During construction in winter or cold regions, the strength development of ordinary concrete is slow. The use of early strength water reducing agents can effectively resist the delay effect caused by low temperature, ensuring project progress and quality.

-Emergency repair project: repair projects for roads, bridges, etc. that require rapid opening of traffic

Dosage

The recommended amount in various dry powder materials is 0.2-0.5% of the cementitious material. The exact dosage need be confirmed after test.

The model PCE should not be mixed with mixed with Naphthalene-based water reducing agent

If want to mixed with other chemical additives, need to under test.

Key Properties

- The water reducing rate is more then 25% , can greatly improve the fluidity of the concrete with the same amount of water added.
 - In the spray drying process of traditional Polycarboxylate powder water reducing agent, due to the effect of high temperature, the polycarboxylic acid group will more or less cause certain damage. Thereby greatly reducing the performance of the pagoda after the liquid is converted into a solid. PC-3050 is manufactured by a special process, so that the carboxylic acid group is not destroyed during the powder manufacturing process, so that the original liquid mother liquor is retained.
 - Good solubility and fast dissolution rate
- Especially the particles are uniform and the specific surface area is large. So it can dissolve quickly in the process of dissolving in water. And there is no obvious impurities after dissolution.

Packaging and Storage

A. Standard Packing: In 25kg bags out HDPE bags inner with LDPE bags

B. Big Bag or other special packages are possible on request.

20GP:14TONS in pallets, 18tons without pallets

40HQ:28TONS in pallets or without pallets

Store it in a cool, dry place below 30° C and protected against humidity and pressing. Storage time should not exceed 12 months. And please use it up within 60days if the bags are open.

Safety Notes

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.

Company Information

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