



Shandong Zhuoxing Chemical Co., Ltd.
Zibo Zhuoxing Enterprises Co., Ltd.

polycarboxylate superplasticizer properties

polycarboxylate superplasticizer properties: water reducing agent is the main variety of admixtures, the main role is to delay the cement setting time, the principle is to add concrete admixtures of cement particles on the surface of the adsorption of a layer of water reducing agent, to a certain extent blocked the cement absorption rate of water; At the same time, the concrete admixture accelerates the initial speed of cement hydration, and the increase of hydration products brings the thick hydration film, which, to a certain extent, hinders the further infiltration of water molecules into the interior of cement particles for hydration, thus delaying the cement setting and hardening time, thus reducing the unit water consumption.

- 1, polycarboxylate superplasticizer properties is weak alkaline, non-toxic and non-corrosive, no pollution to the environment;
- 2, high adaptability, suitable for most castables, can be widely used in a variety of castables;

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3, improve the rheological properties of castable, can realize the self-leveling, self-compacting role of castable, easy construction, improve construction efficiency;

4. Green products.

Product features

1.good early strength and strengthening effect: under the same conditions, the concrete mixed with this product, early strength and strengthening effect is higher than other types of efficient water reducing agent.

2.greatly improve the durability of concrete: the product of low alkali content, at the same time because of the water reducer for air intake type water reducer, it significantly reduce concrete alkali - aggregate reaction, improve the ability of concrete frost thaw resistance.

3.Dimensional stability: the concrete mixed with this product has effectively improved its shrinkage and creep performance, has good high dimensional stability, and reduces the risk of cracks.

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