



Shandong Zhuoxing Chemical Co., Ltd.
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Mortar Polycarboxylate superplasticizer

Mortar Polycarboxylate superplasticizer is a kind of cement dispersant in the application of cement concrete. Chemically, it can be divided into two categories. The main chain is methacrylic acid.

The side chain is carboxylic acid group and MPEG(Methoxy polyethylene glycol), polyester type structure.

The other is polyacrylic acid as the main chain and Vinyl alcohol polyethylene glycol as the side chain, polyether type structure.

Difficulties in adaptability of Mortar Polycarboxylate superplasticizer

To put it bluntly, the adaptability of water reducer means that under the same standard, due to the different concrete, the application effect of water reducer is very different, or even completely different.

According to a large number of tests in railway construction in recent years, Mortar Polycarboxylate superplasticizer has been used in urban rail transit construction projects.

Its adaptability, it turns out, depends on its weaknesses.

The concrete raw material composition, manufacturing location and

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other factors will lead to subtle changes in the characteristics of fresh concrete, which is very different from the characteristics of naphthalene superplasticizer with strong adaptability and high reliability.

However, in order to deal with this problem, one-sidedness should not be allowed when matching the material levels of experimental components and frequencies.

In order to promote the common development of polycarboxylic acid concrete technology, we must overcome the old thinking mode and conduct in-depth exploration and discussion from the Angle of transformation, whole and economic fluctuation.

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