CHARING
长林建业

Technical Datasheet

Polycarboxylate Superplasticizer

PC 6010F

Product Description

Polycarboxylate Superplasticizer PC 6010F is a kind flake form superplasticizer, as a universal product, designed for applications of mortars with universal and special cementitious binders.
Composed of polycarboxylate ether copolymer, its main chain anchors on the surface of cementitious binder particle while the unique comb structure as side chain stretches in the water.
The combination of electrostatic force and steric stretching effect imparts low water demand and high flowing ability to mortars.
This PC 6010F is based on EPEG polycarboxylate ether monomer, and in the original appearance of flake. Which can be easily soluble into water.

Specifications

Appearance	Buff or off-white flake
Active content	⩾97%
Bulk density	500-800 g/l
pH value(20°C, 20% liquid)	6.0-8.0
Water reducing rate	≥25%

Application Range

- Concrete

Dosage

0.1~1.5% of cementitious materials., we suggest test in lab before the final application for the best dosage.

Key Properties

- Super water reducing effect for cement based material applications
- Low dosage compared to traditional water reducing agent
- High dispersion, fluidity and workability
- Improvement of early and final strength of cement based system
-Better adaptability with different kinds of cement

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.

Store it in a cool, dry place below 30°C and protected against humidity and pressing
Shelf Life:1years

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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