

ZX Polycarboxylate Superplasticizer Powder

ZX Polycarboxylate Superplasticizer Powder is a new generation of Eco-friendly high performance polycarboxylate ether superplasticizer powder developed by our company with DD-909 (TPEG2400) as main raw material.

The continuous development of China's national economy has increased the demand for concrete, cement and products in basic industrial construction and construction industry, thus promoting the development of cement, products industry and concrete industry. However, with the continuous progress of construction industry technology, people's requirements for cement concrete are becoming higher and higher. Reflected in not only the requirements of concrete to early strength, adjustable coagulation, large fluidity, high durability, light, and so on, but also requires easy molding and preparation of low cost, easy maintenance and so on. In order to meet the needs of people, concrete admixture should be born.

ZX Polycarboxylate Superplasticizer Powder (also known as high efficiency water reducing agent) refers to the admixture that can greatly reduce water consumption while keeping the slump of concrete basically unchanged. It has excellent properties of low dosage and high water reduction rate. With the increase of dosage, the water reduction

rate increases greatly, but there is a saturation point, and slump and fluidity remain good after reaching this point. Beyond the saturation point, the increasing rate of water reduction slows down rapidly and has obvious hysteresis.

Advantages/Characteristics:

- 1) ZX Polycarboxylate Superplasticizer Powder with solid content : 97% min. (If it is used for ready mix concrete or precast concrete, please add PCE powder to water to get a solution with solid content 20% or 10% before use).
- (2) With a high slump retention ability, enhance cohesion, without concrete segregation.
- (3) With a good dispersion, an excellent adaptability to different cements, and good water-reducing properties.

Package: Packed in 25kg plastic woven bags with PE inner liner,
16 mt with pallets loaded in one 20' GP, 27 mt with pallets loaded in 40'
HQ by sea, 25.5 mt with pallets loaded in 40' HQ by train

Shelf time: 0°C-40°C the shelf life is 12 months.

