

Polycarboxylate Ether Superplasticizer

Polycarboxylate Ether Superplasticizer is a new generation superplasticizer based on modified polycarboxylate particularly recommended for ready mixed concrete and precast concrete. Its particular configuration allows its delayed adsorption onto the cement particles and disperses them efficiently.

Product Characteristics:

1. Good cement adaptability.
2. High water reducing ratio
3. Less slump loss
4. Low dosage
5. Improved early strength and high strength
6. Enhanced durability
7. Reduced shrinkage and creep
8. Economic production cost
9. Environment friendly

Application

1. It is applicable to ready mix concrete, premixed and precast concrete for industrial and civil architectures, especially to low grade commodity concrete.
2. Polycarboxylate Ether Superplasticizer is particularly applicable to various national construction works with high performance requirements for the concrete, such as water industry, marine works, seaports, traffic, electric power etc.
3. It is applicable to the special concrete, such as high strength, high durability, self-compacting concrete and various prefabricated parts etc..

Quality Specification

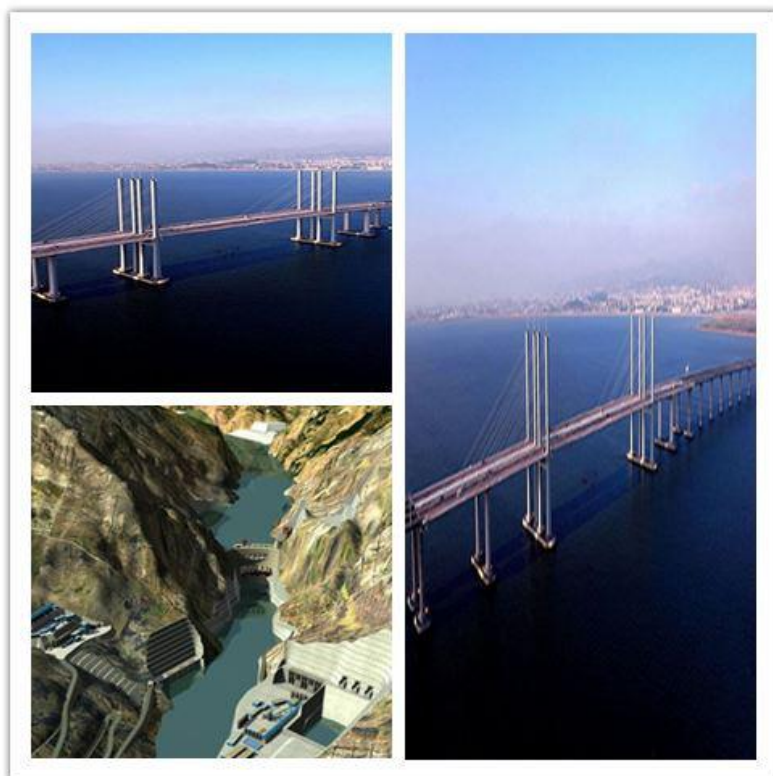
Item	Unit	Standard
Appearance	/	White or light yellow to brown viscous liquid
Density	g/cm ³	1.10±0.02
PH	/	5-7
Solid content	%	50±1.0
Water reducing ratio	%	≥25

Cl ⁻	%	≤0.02
Na ₂ SO ₄	%	≤0.3

Usage

1. Generally, the dosage range is 0.25%—0.8%, it can be beyond this range properly for special cements or aggregates.
2. The recommended stirring time is at least 150s for good water reducing effect.
3. Polycarboxylate Ether Superplasticizer can be compounded with various retarders and sodium lignosulphonates.

Packing: Flexitank, 22 MT/20'GP ; 230kg/barrel, 18.4 MT/20'GP ; 1100 KG/IBC drum, 22 MT/20'GP



Storage

It is non-toxic, nonflammable and can be shipped as general chemicals. Avoid direct sunlight. Keep away from fire or any kind of heat source. Stored in cool and ventilated place separately with oxidants and strong acids and alkali.

Shelf validity: Six months