

Poly-carboxylate superplasticizer

Poly-carboxylate superplasticizer is the latest generation concrete superplasticizer with the water reducing ratio up to 35%. Because of low chloride and alkali content, no corrosion to steel-bar, high stability & environmental friendly and nontoxic characters, it has been widely used in high strength concrete and high performance concrete.

Characteristics

1. Poly-carboxylate superplasticizer can be a substantial increase in early and late strengths of concrete, so that increase the project construction schedule.
2. Better plasticity-maintaining could significantly prolong the transit time of concrete, it reduce economic losses and ensure the normal pumping of concrete.

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.

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 time: Six months.

