

Concrete Admixtue Polycarboxylate Ether Superplasticizer

Concrete Admixtue Polycarboxylate Ether Superplasticizer is polycarboxylate ether based on high performance copolymer designed for highest concrete quality. It enables concrete to be produced highly workable at low dosage with improved slump retention.

Application:

Concrete Admixtue Polycarboxylate Ether Superplasticizer can be widely used in conventional concrete, pumping concrete, super-fluid self- compacting and high-performance concrete; it has the excellent performance especially in the application of high-strength high performance concrete.

Advantage

1. Concrete Admixtue Polycarboxylate Ether Superplasticizer improve slump retention time
2. Effect long distance transportation for a long period of time.
3. Reduce slump loss and improve workability and decrease bleeding of materials separation.

4. High water reducing rate and excellent plasticizing effect. And produces concrete with high levels of workability without segregation.
5. Excellent dispersion and self-compacting effect 6. Enhance early and ultimate strengths of concrete, so that increase the project construction schedule.
7. Better plasticity-maintaining prolong the transport time of concrete, it reduce economic losses and ensure the normal pumping of concrete.
8. Improves the frost resistance and carbonation resistance of the concrete. Lower drying shrinkage of the concrete by 20% or more compared with naphthalene-based admixtures.
9. High compatibility to varieties of cement. Improved finished concrete surface ability.
10. Proffer air environment protect. No chloride ions and no corrosion to steel bar.

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

Generally, the dosage range is 0.25%—0.8%, it can be beyond this range properly for special cements or aggregates.

Shelf Life: Minimum 6 months when unopened. After the expiration date, it can be used if testing results is qualified.

