

Concrete Superplasticizer

Concrete Superplasticizer is used to modify the properties of concrete or mortar to make them more suitable for the work at hand or for economy or for such other purposes as saving energy.

Types of Concrete superplasticizer

1. Accelerating admixtures
2. Retarding admixtures
3. Water-reducing and set controlling admixtures
4. Air-entraining admixtures
5. Super plasticizing admixtures
6. Admixtures for flowing concrete
7. Miscellaneous admixtures

Applications:

It is applicable to high strength concrete and flowable concrete mixes, to achieve highest concrete durability and performance. ready mix concrete concrete durability.

It is used in high strength concrete and high performance concrete, precast concrete, structures with congested reinforcement, mass concrete and self compacting concrete.

Characteristics:

Polycarboxylate concrete superplasticizer is an Eco-friendly high performance concrete admixture p made from TPEG.

The main features are as follows:

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

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

