

## **Superplasticizer Based on PCE Polymer**

Superplasticizer Based on PCE Polymer is nowadays commonly used in concrete technology to improve the workability of cementitious systems. product enable the production of concretes with special flow properties like self-compacting concrete. allow concrete mix designs with very low water/cement ratios. Thus, high performance concretes with very high strength and durability can be achieved.

### **Application**

Superplasticizer Based on PCE Polymer is a superplasticizer for high performance concrete, high strength concrete, high volume fly ash/slag concrete and grouting/self-leveling screed/mortar.

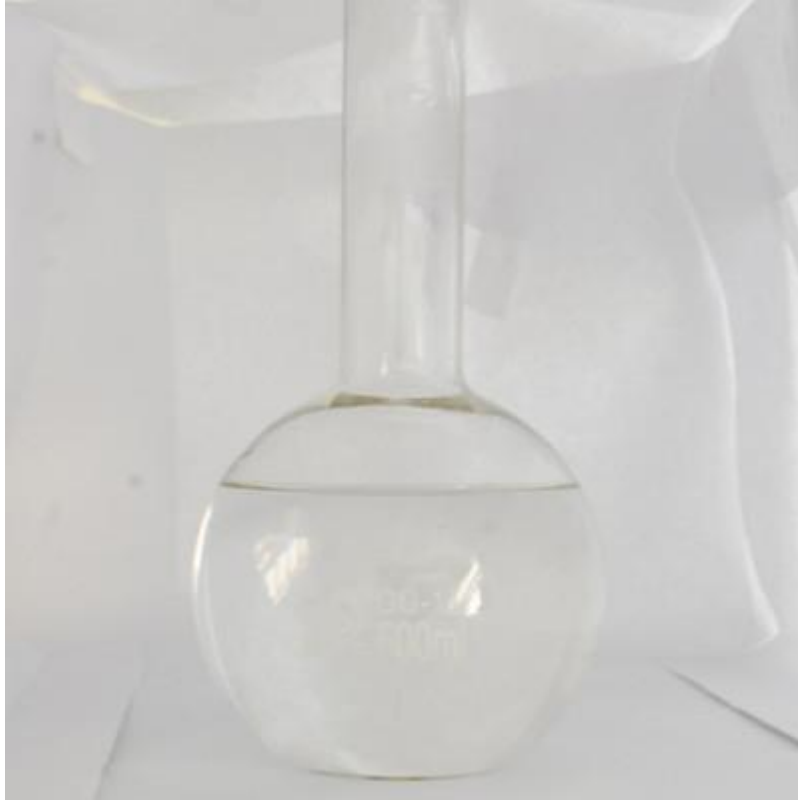
### **Characteristic**

1. High early strength and ultimate compressive strength
2. Low slump loss: Great reduction of slump loss.
3. Excellent durability: Reduction of cracking , shrinkage and creep.
4. High water reduction

5. Environmental friendly products: Non pollution during production.

### Quality Specification

Item	Unit	Standard
Appearance	/	White or light yellow to brown viscous liquid
Density	g/cm <sup>3</sup>	1.10±0.02
PH	/	5-7
Solid content	%	50±1.0
Water reducing ratio	%	≥25
Cl <sup>-</sup>	%	≤0.02
Na <sub>2</sub> SO <sub>4</sub>	%	≤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. It 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

**Shelf time:** Six months