Company profile

Our factory , Shandong Zhuoxing Chemical Co., Ltd. manufacture polyoxyethylene ether HPEG 2400, TPEG 2400 with annual capacity of 70,000.00 tons. We also produce water reducing type, slump retention type and set retarding type polycarboxylate superplasticizer in liquid form with solid content 50% for ready mix concrete. The total annual capacity of PCE is 100,000.00 tons.

Product Characteristics:

1. Good cement adaptability: Polycarboxylate superplasticizer for ready mix concrete can be used with all types of Portland cement and cement replacement materials.

2. High water reducing ratio: high density and impermeable concrete through very high water reduction

3. Less slump loss, increased slump retention and placeability

4. Low dosage

5. Improved early strength and ultimate compressive strength

6. Enhanced durability and resistance to aggressive atmospheric conditions thorough reduced permeability

7. Reduced shrinkage and bleeding problems by improving cohesion

Application

Polycarboxylate Superplasticizer for Ready Mix Concrete is applicable to ready mix concrete, high strength and high performance concrete, improved cohesion allow for use in mass concrete pours and piling.

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	%	$\geqslant 25$

ratio		
Cl^-	%	⩽0.02
Na_2SO_4	%	⩽0.3

Dosage:

Generally, the dosage range is 0.25%—0.8% per 100kg of cementious materials in the mix, including GGBFS, PFA or microsilica. It can be beyond this range properly for special cements or aggregates.

Packing: Flexitank, 24 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