



**Shandong Zhuoxing Chemical Co., Ltd.**  
**Zibo Zhuoxing Enterprises Co., Ltd.**

### **monomer for polycarboxylate superplasticizer PCE**

#### Principle

monomer for polycarboxylate superplasticizer PCE is the main raw material for high performance polycarboxylate superplasticizer with the properties of non-toxic, non-corrossive and good water-soluble. monomer for polycarboxylate superplasticizer PCE has such advantages as superior dispersing maintenance, low dosage, high water reducing ratio, good adhensive property, good reinforcing effects, good durability, no corrosion to steel bar and environment-friendly etc. PCE made from HPEG 2400 can be used to produce high performance, high strength commercial concrete at work site or long-distant convey.

Item Code	DD-906
Appearance (25 ± 1 °C)	White or light yellow flaky solid
pH Value (1% water solution)	5.0-7.0

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Unsaturation mmol/g	$\geq 0.38$
Moisture %	0.2 max.
Hydroxyl Value mg KOH/g	$23.5 \pm 2.0$
Double Bond Retention %	$\geq 96$

### Features & Benefits

A. Wide adaptation scope: not only used in cement-based materials, but also gypsum-based materials, strong adaptability to various kinds of organic additives, such as water-soluble polymer, dispersible polymer powders has little effect on this product.

B. High water reducing rate: make the mortar water reducing rate of more than 30 %, greatly improving the fluidity of the mortar under the condition of same water content in mortar.

C. Early strength and high strength

D. High durability: Reduce mortar water-cement ratio, improve durability, reduce shrinkage and variations, reduce post-curing mortar shrinkage cracking.

E. Green Environmental Product: does not produce pollution of the environment; in line with ISO14000 International Environmental

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Management Standard.

### **Safety and Attention**

(1) monomer for polycarboxylate superplasticizer PCE is alkalescence solid without toxic, corrosiveness and pollution. It is unedible. when it come to body and eye, please wash it in clean water. When there is allergy for some body, please send the person to hospital rapidly for cure.

(2) This product is stored in paper barrel with PE bag inner. Avoid rain and sundries to mix in.

(3) Quality guarantee period is 12 months



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