

Polycarboxylate Powder Superplasticizer

Polycarboxylate Powder Superplasticizer is a new generation Eco-friendly high performance polycarboxylate ether superplasticizer powder made from TPEG.

Characteristics

1. Wide adaption: not only used in cement-based materials, but also in 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.
2. High water reducing ratio: make the mortar water reducing rate of more than 25%, greatly improving the fluidity of the mortar under the condition of same water content in mortar.
3. Early strength and high strength:
4. High durability: Reduce mortar water-cement ratio, improve durability, reduce shrinkage and variations, reduce post-curing mortar shrinkage cracking.
5. Green Environmental Production: The production process does not produce pollution of the natural environment; in line with ISO14000 International Environmental Management Standard.



Application:

Polycarboxylate Powder Superplasticizer can be used in water conservancy, electricity, railways, marine, roads, buildings and other concrete pouring, or all types of dry mortar, grout, plaster products, ceramic products and so on.

Technical Specification

Item	Unit	Standard
Appearance	/	White or light yellow powder
Density	kg/m ³	500±50
pH (23℃)	/	5.0±7.0

Solid Content	%	97.0 ± 1.0
Moisture content	%	≤ 3.0
Water Reducing Ratio	%	≥ 25
Cl ⁻	%	≤ 0.02
Alkali content	%	≤ 0.3

Usages

1. A recommended dosage is 0.1%-0.4%. Actual dosages should be determined by mixture design test according to concrete strength grade.
2. Concrete test must be carried out before utilization.
3. This product is forbidden to be mixed with naphthalene sulphonate.
4. Compatibility test must be done when it is used together with other admixtures.

Package:

Packed in 25kg plastic woven bags with PE inner liner, 17 mt with pallets loaded in one 20' GP, 25.5 mt with pallets loaded in 40' HQ.

Storage:

1. Keep out of sun, rain, impurity. Avoid evaporation of water.
2. SPC-06 is non-toxic, non-polluting and non-edible. Avoid touching with eyes and skin allergy people. If touching, should clear with water and timely go to see doctor.

Shelf validity: 0°C-40°C the shelf life is 12 months.