



Shandong Zhuoxing Chemical Co., Ltd.

Zibo Zhuoxing Enterprises Co., Ltd.

Concrete admixture polycarboxylate polymers

Introduction

Polycarboxylate polymers is an Eco-friendly new generation high performance polycarboxylate ether superplasticizer developed by our company.

Advantages/Characteristics:

1.It have super dispersible, can prevent concrete slump loss without causing obvious retarding, higher plasticizing effect under low dosage

2.Good fluidity retention, enhancement of concrete, reduce shrinkage of concrete, harmful substance content is extremely low technology characteristics, gives excellent workability, good construction of concrete strength development, excellent durability, polycarboxylic acid high performance water reducing agent has good comprehensive technical performance advantages and environmental characteristics, accord with the need of modern concrete engineering.

Technical specifications

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Items	Specification					
	SPC-02 Liquid(water reducing type)	SPS-03 Liquid(slump retention type)	SPS-04 Liquid (Early strength & water reducing type)	SPS-05 Liquid(long slump retention type)	SPS-06 powder (Water reducing type)	SPS-08 Powder (Water reducing type)
Appearance	White or light yellow to brown viscous liquid	White or light yellow to brown viscous liquid	Colorless or light yellow to brown viscous liquid	Colorless to light yellow viscous liquid	White or light yellow powder	White powder
Density	1.10 ± 0.02 g/cm ³	1.10 ± 0.02 g/cm ³	/	1.10 ± 0.02 g/cm ³	500 ± 50 Kg/m ³	500 ± 50 Kg/m ³
pH (23℃)	5--7	5--7	6 ± 1	5--7	6.0 ± 1.0	6.0 ± 1.0
Solid Content%	50 ± 1.0	50 ± 1.0	50 ± 1	50 ± 1.0	97.0 ± 1.0	97.0 ± 1.0
Moisture content%	/	/	/	/	≤ 3.0	≤ 3.0
Water Reducing Ratio%	/	≥ 15	≥ 25	≥ 15	≥ 25	≥ 25
Cl- %	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02
Alkali content%	≤ 0.3	≤ 0.3	≤ 0.3	/	≤ 0.3	≤ 0.3
Na ₂ SO ₄ %	/	/	/	≤ 0.3	/	/

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Application

It's suitable for among ordinary concrete, pumping concrete, superfluid self-compacting and high strength and high performance concrete, especially in the application of high strength and high performance concrete has excellent performance. Widely used in high performance concrete, commercial concrete and pumping concrete. Applicable to all kinds of industrial and civil construction, railway engineering, hydraulic engineering, port, road and bridge concrete construction and clean water surface concrete and concrete components.

Storage and Safety

It should be stored in cool and dry place, Keep out of sun, rain, impurity. Avoid touching with eyes and skin allergy people. If touching, should clear with water and timely go to see doctor.

Shelf time: six months.

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