

CCI Superior Mix F849

POLYCARBOXYLATE SUPERPLASTICIZER LIQUID



PRODUCT DESCRIPTION

This product is a newly green superplasticizer. It has high water reducing rate and good slump retention performance. It is mainly applied to high strength, high performance and high grade concrete, mass concrete, high quality fluid concrete, etc.

PERFORMANCE

High water reduction, low dosage. The water reducing rate can reach 15%-35% with recommended dosage ■ Early and high strength. The early strength and 28 day strength have been obviously improved. ■ Low slump loss: comply with the pumping agent standard, slump loss would be significantly reduced. ■ High durability: This product can effectively reduce the W/C ratio, improve durability. ■ It can be used as a mother liquor to produce other functional admixture, such as early strength type, retarder, pumping concrete admixture, antifreezer, etc.; ■ Environmental friendly products: the production does not pollute the environment; ■ Non-corrosion on steel bar.

PHYSICAL PROPERTIES

Appearance	Transparent to light yellow viscous liquid
Solid Content (%)	30% ± 2.0%
Density (g/ml)	1.03 ± 0.02
PH Value	2-6
Chloride content (%)	0.042%
Alkali content (%)	0.178%

DOSAGE

0.3%-0.8% by weight of cementitious materials. Actual dosage depends on the test. It is also available to consult with technicians.

NOTE

1. Dosage is based on the cementitious weight.
2. According to the concrete design, please adjust the water or sand rate to meet users' requirements.
3. After mix the product with water, and then add into the mix material.
4. Please pay attention as following when using the product: A) If using this product for the first time, or cement and other admixture changes, test is required to determine the best dosage. B) In case of preparing other functional admixtures, it is recommended only to mix for current use. C) Because the product has 30% solid content, the density is higher than that of water. After standing for a long time, the density of the lower part may be higher and the density of the upper part may be lower. please stir well before using it again. D) With the extension of the placement time, the color will deepen, but the color change does not affect the usage of the product.
5. This product is non-toxic, but it is forbidden to eat. It should be kept out of the reach of children. If it gets into eyes or mouth, please rinse with water and seek medical help immediately.

PACKAGE AND STORAGE

200L drum, 1.1 ton IBC tank, or flexible tank. It should be stored in a dedicated warehouse that is well-ventilated and dry and keep away from moisture. Take antifreeze measures in very low temperature. It is recommended to use plastic storage tanks for the product, which is slightly corrosive to iron containers and will affect the quality of the product, but it will not corrode the steel bars after being mixed with concrete.

SHELF LIFE

Normally, the shelf life is 12 months. This product is a macromolecule product with a high concentration. It may appear flocculent or colloidal suspended matter during the shelf life, which is a normal phenomenon. It can be dissolved by mixing with water, which does not affect the performance and normal use of the product. Once exceeds the shelf life, it can be used after the approval of test.