



Polycarboxylate Superplasticizer **PCE-156B**

Chemical Nature

PCE-156B is a new generation of environmentally friendly polycarboxylate with remarkable characteristics of slow release and water reduction. It can significantly improve the long-term maintenance of concrete slumps and retention and is incredibly excellent in pumping concrete.

Typical Properties

| | |
|------------------------------|--------------------------|
| appearance | White transparent liquid |
| solid content | 50±2% |
| PH | 5±2 |
| density/(g/cm ³) | 1.05±0.05 (25°C) |
| chlorine content | 0 |
| ASTM C 494: | G |

Standard compliance: ASTM C 494, Type E, F and G standard for high range water reducer

Fields of application

1. Excellent slump retention: It can effectively inhibit the hydration reaction rate in the early and induction stages of cement hydration.
2. Sustained release: This slump-preserving agent has a low initial and a high later water reduction rate. It has excellent slow-release dispersion properties for cement.
3. The product is environmentally friendly, non-toxic, and harmless, and is conducive to the deployment of environmental concrete;
4. The product has excellent adaptability;

Usage

1. This product is 50% solid liquid, low water reduction rate, it is not a terminal product used in concrete production, it is recommended to be used in combination with polycarboxylate water reducing agent. Recommended compound ratio: polycarboxylate mother liquor and PCE156B mass ratio = 8:2 ~ 7:3. The best compound ratio should be determined according to the test.
2. When users first use the product or change raw materials, please refer to the instructions according to the construction requirements plus conditions and conduct necessary trial mixing tests on the dosage along with methods to obtain the best technical and economic benefits;
3. The product cannot be mixed with a Nylon water-reducing agent to avoid affecting the performance.

| | |
|-----------------------------------|--|
| Packaging | 200kg DRUM/1000KG IBC |
| Storage condition | <ol style="list-style-type: none"> 1. The product is transported in plastic barrels or tankers and can also be packaged in unique ways according to customer requirements; 2. The product is non-toxic and non-flammable; 3. The product should be stored in a cool place and avoid long-term contact with steel items. It should be kept covered and protected from sunlight, rain, and freezing. The storage temperature should be between 0-40°C and below 0°C. There will be freezing during storage. Heat it until it melts and stir evenly again before use if ice is found; 4. The shelf life of the product is six months. If it exceeds, it can only be used after passing the technical index inspection and confirming that its performance meets the requirements through concrete trial mix verification. |
| Product safety | The product is non-hazardous according to the legal provisions on dangerous goods and preparations. Contact us for further information. |
| General | <p>Safety</p> <p>The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.</p> |
| Material Safety Data Sheet | All safety information is provided in the Material Safety Data Sheet for Polycarboxylate superplasticizer. |
| Transport Regulation | Not known as a dangerous good according to transport regulations. |

Important

The descriptions, designs, and data contained herein are presented for your guidance only. Because there are many factors under your control which may affect processing or application/use it is necessary for you to make appropriate tests to determine whether the product is suitable for your particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, OR DATA MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, DATA OR DESIGNS PROVIDED BE PRESUMED TO BE A PART OF OUR TERMS AND CONDITIONS OF SALE.** Further, you expressly understand and agree that the descriptions, designs, and data furnished by SIDLEYCHEM hereunder are given gratis and BASF assumes no obligation or liability for same or results obtained from use thereof, all such being given to you and accepted by you at your risk.

© Sidley Chemical Co.,Ltd, 2023

Sidley Chemical Co.,Ltd,
Room 901, Spring Building,
Linyi City, Shandong Prov., China, 276000
Phone: (86) 539-7576660
Email: sales@sidleychem.com
www.sidleychem.com