

# Technical Data Sheet

## TPEG2400



### Product Description

TPEG2400 is Isoamyl Alcohol Polyoxyethylene Ether, which is a kind of Polycarboxylate Superplasticizer Monomer. This product is the important raw material for polycarboxylate superplasticizer which is formed by the macromonomer copolymerize with acrylic acid. Despite of its fair dispersing ability to cement, it behaves a continuous ability in slump retention.

### Application

The synthesized copolymer (PCE) has high dispersibility, good slump retention, good enhancing effect and durability, also is environmentally friendly and widely used in premixed and cast-in-place concrete.

### Technical Data/Typical Properties

| Performance           | Unit     | Value                       | Test Method  |
|-----------------------|----------|-----------------------------|--------------|
| Appearance            | /        | White to light yellow flake | Visual       |
| Water content         | %        | ≤0.60                       | GB/T 11275   |
| Hydroxyl value        | mg KOH/g | 21.40-25.40                 | GB/T 7383    |
| PH value              | /        | 5.00-8.00                   | GB/T 6368    |
| Double bond retention | %        | ≥90.00                      | GB/T 12008.6 |

### Package and Storage

**Package:** 25KG/Woven Bag, 800KG/FIBC, 850KG/FIBC

**Storage:** The product shall be stored in well-ventilated and dry places, without unsealing, shelf life is 6 months. Protected from direct sunlight and rain.

While the information and data contained in this bulletin are presented in good faith and believed to be reliable they do not constitute a part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or for a particular purpose or that said information, data or products can be used without infringing patents or third parties

Jiahua Chemicals Inc, Room No. 1201, Building No. 5, No. 258 Jinkang Road, Shanghai, China (200127), Tel:86-21-20670888