

## Technical Data Sheet

EPEG601 V2.0 23-07-31

### Product Description

EPEG601 is a new Special Structure Monomer for Polycarboxylate Superplasticizer. Due to the special molecular structure, the space resistance of the polyether side chain is reduced, the swing of the side chain is freer, and the encapsulation and entanglement of the polyether side chain is improving.

### Application

The use of EPEG macromonomer to synthesize polyacid water reducing agent requires lower reaction temperature, no heating during the production process, and the reaction time is very short, greatly improving production efficiency. Moreover, the mother liquor synthesized by EPEG macromonomer has higher water reduction rate and other advantages, which can better improve the performance of concrete during use

### Technical Data/Typical Properties

Parameter	Unit	Specification	TestMethod
Appearance	/	White flake solid	Visual
Degree of unsaturation	%	≥0.3	GB/T 11275
Hydroxyl value	mg KOH/g	18.5-20.5	GB/T 7383
PH value	/	8.00-11.00	GB/T 6368
Double bonds retention	%	≥88.00	GB/T 12008.6

### Package and Storage

Package :  
25KG/Woven Bag

Storage :

This series of products is non-toxic and difficult to ignite. They can be stored and transported as general chemicals. They should be stored in a dry, cool, and ventilated place. During transportation, direct sunlight and rain should be avoided as much as possible.

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