

Description

Polycarboxylate Monomer HPEG 2400 is a kind of main raw material (polycarboxylate ether monomer) for producing high performance water reducing type polycarboxylate superplasticizer, it is produced with methallyl alcohol and ethylene epoxide as main raw materials.

Chemical formula

$\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$, $n=10\sim 60$. HPEG 2400 is a polyoxyethylene monomethallyl ether with molecular weight 2400.

Principle

Polycarboxylate Monomer HPEG 2400 is suitable for the synthesis of water reducer polycarboxylate superplasticizer with high water reducing ratio. product is used in the production of polycarboxylic acid with high efficiency particle dispersion performance.

Polycarboxylate Monomer HPEG 2400 is so soluble that the water solution is very stable, can be used to formulate different content water solution very conveniently.

Technical Specification

Item Code	DD-906
Appearance (25±1°C)	White or light yellow flaky solid
pH Value (1% water solution)	5.0-7.0
Unsaturation mmol/g	≥ 0.38
Moisture %	0.2 max.
Hydroxyl Value mg KOH/g	23.5±2.0
Double Bond Retention %	≥96

Packing: 25kg plastic woven bags.

Storage: It is non-toxic, non-flammable and can be shipped as general chemicals. Avoid direct sunlight. Keep away from fire or any kind of heat source. Stored separately with oxidants, strong acids and alkali in cool and ventilated place.

Shelf time: One year

