



Shandong Zhuoxing Chemical Co., Ltd.
Zibo Zhuoxing Enterprises Co., Ltd.

Polyether Monomer TPEG 2400

Polyether Monomer TPEG 2400 is a kind of main raw material (polycarboxylate ether monomer) for producing high performance water reducing type and slump retention type polycarboxylate superplasticizer (PCE), it is produced with isopentenol and ethylene epoxide as main raw materials.

Chemical formula

$\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$, $n=10\sim 60$.

TPEG 2400 is a polyoxyethylene isopentenyl ether with molecular weight 2400.

Characteristics:

1. Polyether Monomer TPEG 2400 is produced by high active catalyst and special process, which makes it in light color appearance.
2. Polyether monomer TPEG 2400 has good selectivity, high double bond retention rate, which can dramatically increase

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the yield of the water reducing agent products, thus reduce the production cost of the water reducing agents.

Quality Specification

Appearance	White or light yellow flaky solid
Unsaturation mmol/e	≥ 0.38
Moisture	$\leq 0.2\%$
Hydroxyl Value mg KOH/g	23.5 ± 2.0 ,
PH value (1% aqueous solution)	5.0-7.0
Double Bond Retention	$\geq 98\%$

Packing: 25 kg plastic woven bags.

Storage and Transportation

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It is non-toxic, nonflammable and can be shipped as general chemical, stored at dry, ventilated place, away from sunshine and rain.

Shelf validity: One year



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