

TPEG 2400 Polycarboxylate Superplasticizer is a new generation high performance superplasticizer made from polyoxyethylene ether TPEG 2400. It is used for ready mix concrete and precast concrete.

Product Characteristics:

1. High water reducing ratio: Excellent dispersion can provide strong water reducing effect and high water reducing ratio, the water reducing ratio can reach 30%-35%.
2. Superior slump retention performance: It exhibits good performance in low slump retention loss.
3. Good adhesion: It has good adhesion to concrete, good workability, no segregation , no bleeding.
5. Good dispersion: The concrete has very good fluidity, easy to cast and compact, adaptable to self-compacting concrete.
6. Wide adaptability: It has wide adaptability to varieties of silicate cement, common silicate cement, slag silicate cement and various admixtures.

Applications

TPEG 2400 Polycarboxylate Superplasticizer is applicable to ready mix concrete, premixed and precast concrete. It is applicable to the

special concrete, such as high strength, high durability, self-compacting concrete and various prefabricated parts etc..

Quality Specification

Item	Unit	Standard
Appearance	/	White or light yellow to brown viscous liquid
Density	g/cm ³	1.10±0.02
PH	/	5-7
Solid content	%	50±1.0
Water reducing ratio	%	≥25
Cl ⁻	%	≤0.02
Na ₂ SO ₄	%	≤0.3

Features and Benefits

1. Excellent compatibility with various types of cements.
2. High water reducing rate, low dosage, and low slump loss.
3. Low chloride and alkali content, no corrosion to steel-bar.
4. High stability: no precipitation at low temperature.

5. Environmental friendly and nontoxic.

Usage: Generally, the dosage range is 0.25%—0.8%, it can be beyond this range properly for special cements or aggregates.

Packing: Flexitank, 24 MT/20'GP ; 230kg/barrel, 18.4 MT/20'GP ;
1100 KG/IBC drum, 22 MT/20'GP

Storage: Stored in cool and ventilated place separately with oxidants and strong acids and alkali.

Shelf validity: Six months