

# YS-GC Polycarboxylate Superplasticizer

 Appearance:  
Liquid

Polycarboxylate superplasticizer (PCE) is the 3<sup>rd</sup> generation superplasticizer. It follows the requirement of ASTM C494 Type A, F & G, and EN934-2.

YS-GC is a high range water reducing type superplasticizer. It can be used alone, or blended with YS-GZ, which is a high slump retention type, to get optimized performance in different concrete applications.

## Benefits

- High strength due to extremely high water reduction
- Excellent flowability
- Enhanced workability
- Improved shrinkage and crack resistance
- Very high cost-performance ratio
- No chlorides

## Dosage

Depending on the application, the dosage varies from 0.3% to 0.6% according to the weight of cementitious materials.

For example, when using 100 kg cement, add 0.3 to 0.6 kg YS-GC. Make experiments to get the optimized result.

Or contact the technical support at [info@yschempro.com](mailto:info@yschempro.com).

## Specifications

Appearance	Liquid
Color	Transparent or light yellow
Solid Content	50 %
Density	1.10±0.1 g/ml
pH	5.0 - 7.0

## Packaging

YS-GC liquid is available in drums, IBC tanks and flexitank.

Drum: 230kg

IBC tank: 1,100kg

Flexitank: 22,000kg

## Applications

- Ready-mixed concrete (RMC)
- Precast concrete
- Heavy duty concrete
- Self-compacting concrete (SCC)
- High strength concrete
- Pumped concrete

## Storage and Shelf Life

Protect from direct sunlight, moisture and frost. Store in dry warehouse conditions between 5 to 40 °C.

Shelf life in storage conditions is 6 months.

Represented information is based on our current experience. In case of various factors affecting the result, information does not mean legal responsibility. For additional information, please contact us.



## CONTACT US

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