

Slump Retention Type Polycarboxylate Superplasticizer Liquid

Slump Retention Type Polycarboxylate Superplasticizer Liquid is a new generation of Eco-friendly high performance polycarboxylate superplasticizer made from TPEG. Slump Retention Type Polycarboxylate Superplasticizer Liquid is for the production of high quality ready-mix concrete with exceptional workability retention.

Characteristics:

1. Good fluidity at low dosage
2. Good adaptability to cement.
3. Long slump retention property
4. Improved high strength
5. Reduce shrinkage and creep.

Application area

1. Slump Retention Type Polycarboxylate Superplasticizer Liquid is particularly applicable to various national construction works with high performance requirements

for the concrete, such as water industry, marine works, seaports, traffics, electric powers etc.

2. Slump Retention Type Polycarboxylate

Superplasticizer Liquid is applicable to the special concrete, such as high strength, high durability, self-compacting concrete.

Technical 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	%	≥ 15
Cl ⁻	%	≤ 0.02
Na ₂ SO ₄	%	≤ 0.3

Advantages

1. Provides high quality durable concrete.
2. Powerful plasticizing action with an improved initial workability, easier placing and faster strength development.
3. Reduce water cement ratio to the maximum which allows production of high strength concrete.
4. Capability of delivering high performance concrete at any time to the job site in place.

Dosage:

1. Generally, the dosage range is 0.25%—0.8% per 100kg of total cementitious material.
2. Other dosages may be recommended in special cases according to the specific site conditions.

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

Shelf validity: Six months

