

TG Block

Lost circulation inhibitor

Because TG Block has large and rough fiber than conventional lost circulation inhibitor, can be effective in the ground that has the large void such as gravel and boulder layer.

Characteristic

- ◆ Because it is compact compared to conventional lost circulation inhibitor, the storage space will be small.
- ◆ Since the TG block has been cut to 1.0 kg (squares), it is easy to use.
Since the dust not easily generated, the work environment will be better.
- ◆ TG Block is composed of natural wood, is the lost circulation inhibitor that has high safety.

Application

- ◆ Shield tunneling and pipe jacking method
- ◆ Boring Hole method and various piling work
- ◆ Various construction work

Properties

Specific gravity	1.18 ~ 1.22
pH	7.1 ~ 7.3
Appearance	Light yellow solid
Package	12 kg bags (1.0 kg×12 blocks)

Basic formulation

Type of soil	Additive amount of TG Block (kg/m ³)
Sand	5 ~ 10
Gravel	7.5 ~ 15
Boulder	10 ~ 17.5

Procedure

- ① Please store water to the mixer.
- ② Please put the TG block to the mixer at the beginning.
- ③ When put the clay and bentonite to mixer at the beginning, TG block will not absorb water. Please observe the procedure.
- ④ TG Block will soften in about 60 seconds when immersed in water.
- ⑤ Please turn the mixer when TG block becomes soft.
If you turn the mixer before TG Block becomes soft, there is a possibility that the stirring blade may be damaged.

Handling precautions

- Please wear safety glasses, protective gloves, and protective mask during handling
- After handling, please wash your hand and face, and go gargle.
- If spilled from the bag, it should be recovered careful to not occur dust.

Storage Precautions

- Keep at a certain place that is not on the state of water wetting and high-temperature and humidity.

Emergency measures

- Please rinse with water for at least 15 minutes in case of eye contact. If necessary, please seek medical attention.
- In case of swallowed by mistake, please vomit if you can be vomit easily. If not, please do not induce vomiting, and please seek medical attention.

Others

- We have created the contents on the basis of the materials information available at the moment. Therefore, the evaluation and described data is provision of information, and do not guarantee.



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