

Polymer type mud adding material

TG Liquid B

TG Liquid B is emulsion type additive that contains acrylic water-soluble polymer as a main component. TG Liquid B is the mud adding material that applicable soil is wide. Also, it is possible to excavate the gravel aquifer that the excavating is said to be difficult.



Characteristics of TG Liquid B

1) Workability

- Solubility and workability is good because it is a liquid product.
- The thickening effect is greater even if a small amount of TG Liquid B is added.
- It is also possible to be simultaneously used bentonite solution.

2) The effects to blowout and water cut-off

- There is no separation of water from the mixture that blended the additive and the excavated soil, and the natural ground becomes stable because it does not infiltrate the natural ground.
- It is possible to prevent blowout from the screw conveyor in the sea-aquifer or the aquifer excavation, the face stability is large.

3) Combinational effect

- It is possible to obtain the effect alone, but it gets a greater combination effect by dissolving to TG Slime I solution.

Additive amount and Viscosity of TG Liquid B

Additive amount (kg/m ³)	Brookfield viscometer (cps)
4	160
6	275
8	540
10	800

Properties of TG Liquid B

Main component	Acrylic copolymer
Appearance	Light yellow liquid
Specific gravity	1.00 – 1.20
p H	7.5 – 8.5

Package

- 18 kg can
- 1m³ container



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