

All soil the mud adding material  
(Earth and sand presser feed fluidized material)

# TG Slime III

Conventional mud adding material had to choose most suitable mud adding material by quality of soil, TG slime III is a special polymeric mud adding material which enables it to be plastically fluidized soil without filling minerals such as bentonite in (gravel layer of clay) soil in a wide range.

Without the consolidation dewatering of earth and sand by the pump of earth and sand pumping, to maintain the stability of the face.

## «Characteristic»

- (1) By adjusting blending concentration and additive rate, this can support a variety of soil to gravel soils from clay soils.
- (2) It is possible to reduce the torque of the screw conveyor and cutter because it is possible to reduce the frictional resistance without causing a blockage in the chamber resulted in a plastic flowability by being mixed with the excavated soil. In addition, pumping of mud will also be easy.
- (3) It gives small storage space and equipment. Because it can be adjusted simply by mixing the water and a small amount of material, unlike clay, bentonite based mud adding material.
- (4) Does not occur dehydration be mixed with excavated soil. Also brings the stability of the face because it does not penetrate the ground.

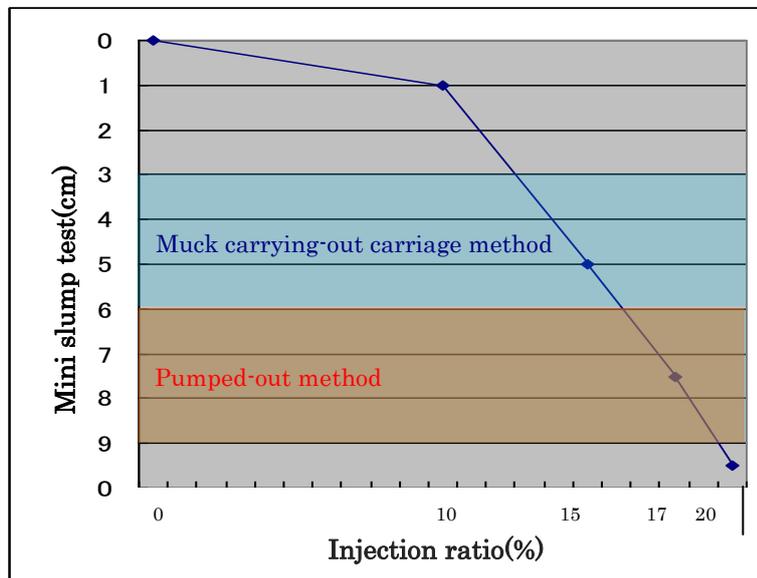
## «Properties»

Main component	Acrylic copolymer Cellulose derivatives
Appearance	White powder
Specific gravity	1.35~1.50
p H	7.0~8.0 (in 0.1 % solution)

## 《 Usage example 》

Sandy soil : 100%(Addition water : 5%)

TG Slime III : 0.8%



Before



After

Injection ratio : 17%

Mini slump test : 7.5cm

## 《 Brookfield viscometer (mPa · s) 》

Concentration	Viscosity
0.2%	480
0.4%	1200
0.6%	2040
0.8%	3200

## 《 Form 》

- 10 kg paper bag
- 20 kg paper bag
- 500kg Flexible container bag

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