

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.

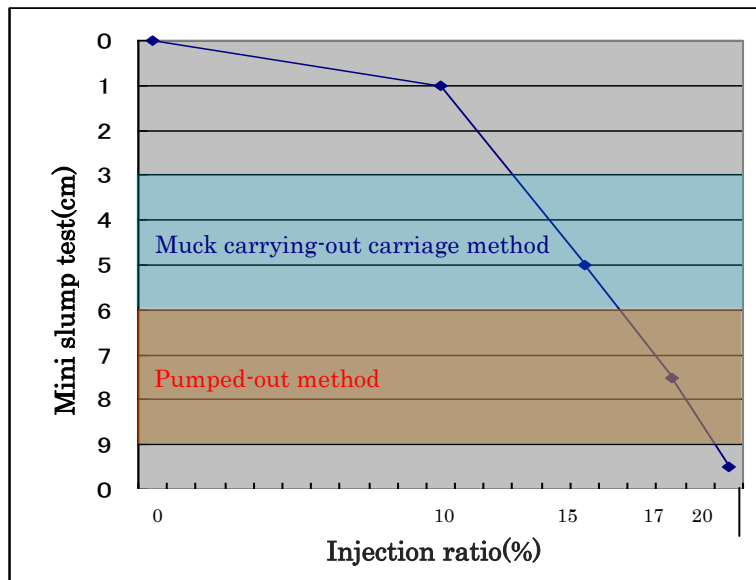
«Properties»

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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