

# TG Coat P

## The powder type mud adding material for the clayey soil

TG Coat P is powder type mud-adding material mainly including poly-acrylic copolymers. It is possible to remove the mud discharge smoothly by keeping the plastic fluidization and eliminating the adhesion of cohesive soil to the cutter, the screw conveyor, and the chamber.

### Characteristic

- ◆ Because it is powder product, requires less additive amount compared to the liquid product.
- ◆ It is possible to reduce the stock space and to make the equipment compact.
- ◆ It is possible to excavate safely in the silt layer and clay layer by water retention effect and protective coating function.
- ◆ The effects in the clay layer excavating are prevention of sticking to the cutter, the chamber, and the screw conveyor, also has the blowout prevention effect.

### How to use

- ① Please put TG Coat P into the water that stored preliminarily in the mixer to make arbitrary concentration.
- ② Please stir to dissolve uniformly for about 5 minutes.
- ③ Please start pumping of mud adding materials.

### Properties and Package

Main component	Acrylic copolymer
Appearance	White granule
Specific gravity	1.34 ~ 1.41
p H	6.0 ~ 8.0 (in 0.1 % solution )
Form	10 kg paper bag, 20 kg paper bag

## Additive amount and Viscosity

TG Coat P Additive amount (kg/m <sup>3</sup> )	Brookfield viscometer (mPa · s)
1	250
2	450
3	700

\* The above values is our laboratory test result. When you tried to actually use, it is not necessarily correspond to the above values.

## Handling precautions

- Please wear safety glasses, protective gloves, and protective mask during handling.
- After handling, please wash your hand and face, and go gargle.

## 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.
- The contents may be revised by the new knowledge.



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