

Rester

Instruction

Rester is studied and developed by Telnite Co., Ltd. and it is designed for drilling aquifer formations.

It can use for substitute of bentonite Base mud. Large diameter drilling such as deep well, civil engineering, geological survey, permeability test.

Technology is already in widespread use in Japan.

Even fresh water or sea water, you can obtain well stickiness.

The range of the adjustment is very wide.

1 Physical Property

Appearance:

White powder

Water contained:

Less than 15%

p H :

5.0 ~ 8.0

Specific gravity:

1.22 ~ 1.62

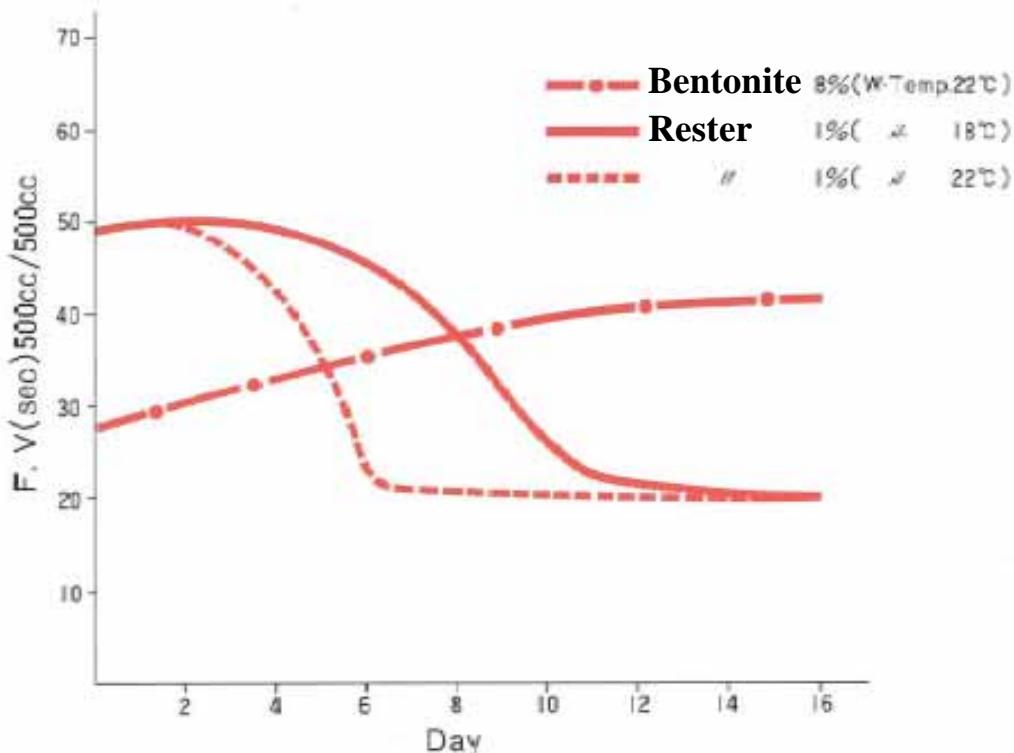
2 Feature of Rester

- 1) Rester is manufactured from organic materials and it provide enough evidence of pollution-free. It is possible to construct it safely only with Rester. It designed for usage of geological survey drilling, small diameter drilling and civil engineering work in urban area.
- 2) Rester creates mud cake on the borehole wall, which can prevent collapsing of pore wall. After 5 to 10 days, stickiness of Rester starts to disappear and finally go back to water stage. It means that mud cake on the aquifer also disappears and water start to fall down to the well.
- 3) Rester has good thickener, it can be used for salty and sea water. User can adapt sea water for drilling.
- 4) Rester loses stickiness among 5 to 10 days and go back to the water stage. (If you keep adding Rester, Stickiness remain still)It is important for user to consider that degree of total construct progress. Decomposition degree of Rester and construct progress should be along with. Rester also useful to mix with concrete which enhance adherence strength.

3**Direction of Use**

- 1) Rester should process in the mixer. Add in small amounts, agitate, dissolve then use.
- 2) Additive amount of Rester under fresh water is 0.3% to 0.8%, 0.5% to 1.0% range in sea water.
- 3) Rester designed to use as single item, however it can mix together with bentonite or CMC.
- 4) Rester will be effect by (quality of water, pH, temperature). It will influence stickiness and decomposition conditions. So please check the water.

4 Comparison Stickiness change over time between Rester & Bentonite.

**5****Packing kraft bag****1 bag 20kg**

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