

Product Description

Earth improving en-hancing compound is a low resistance,non- corrosion material.

We supplied 25kgs per bag with waterproof and moistureproof packing, .

Advantages of Product

- 1、 Significantly reduces earth resistance.
- 2、 Long lasting treatment with no maintenance required.
- 3、 Effective under varying soil conditions.
- 4、 Cost effective in comparison to conventional methods.
- 5、 Minimal seasonal changes in resistance values in comparison to con-ventional methods.
- 6、 Easy to install.
- 7、 Does not adversely affect soil.



Features

1. Due to its lower resistivity, higher water absorption and water retention, it has a good stable resistance reduction effect;
2. Due to its good anti-corrosion and stability, it has a good protective effect on the grounding grid, so it has good long-term efficiency;
3. Due to its good impact characteristics and voltage equalization effect, it can not only reduce power frequency grounding resistance, but also reduce impact grounding resistance;
4. Not only does it have a great resistance reduction effect on small and medium-sized grounding networks, but it can also play a very good role in large-scale grounding networks as long as it is handled properly. Its resistance-reducing effect, and more importantly its anti-corrosion effect and voltage equalization effect, will also bring good benefits;
5. The environmental protection department of high-efficiency bentonite resistance-reducing agent conducted strict testing on the production process, technology, samples and usage places, and the results confirmed that the reduction Resistants are pollution-free during the production process and pose no harm to workers' health. The resistance reducing agent itself does not contain harmful and toxic elements such as lead and arsenic. It has no pollution, no toxicity to the surrounding environment and groundwater resources during use, and is safe and reliable.
6. After the grounding body is aligned around the grounding body, it is equivalent to expanding the effective contact area of the grounding body, thus playing a good voltage equalizing effect and reducing the cross-connection voltage. step voltage and contact voltage of the equipment.

Product Parameter

Part NO	Test Project	Standard	Test Value	Conclusion
1	Room temperature resistance test	$P \leq 5M.m$	$\rho \leq 0.29\Omega.m$	Qualified
2	Physical and chemical performance assessment: Water loss test. Hot and cold cycle, Water soak	After test: $\rho \leq 6M.m$	$\rho \leq 0.34\Omega.m$	Qualified
3	Inrush current tolerance	$\Delta R\% \leq 20\%$	$\Delta R\% \leq 5.75\%$	Qualified
4	Power frequency current tolerance	$\Delta R\% \leq 20\%$	$\Delta R\% \leq 5.71\%$	Qualified
5	PH measurement	PH value is in the range of 7–12	9.5	Qualified
6	Corrosion test of steel grounding body with resistance reducing agent: Corrosion test of steel grounding body with pure resistance reducer. Corrosion test of steel grounding body when buried.	Surface average corrosion rate $\leq 0.03mm/a$ Average corrosion rate $\leq 0.05mm/a$	0.00198–0.0034mm/a 0.0017–0.0022mm/a	Qualified
7	Resistance reduction stability	After the test takes into account the climate impact		Qualified