



HIND POLY BOND

PRODUCT DATA SHEET

MULTI PURPOSE WATER SOLUBLE CROSS LINKING LIQUID CO-POLYMER FOR STABILIZATION OF SOIL AND DEEP EXCAVATION

DESCRIPTION

Hind Poly Bond is a multipurpose water-soluble cross-linking co-polymer which helps to bind the soil particles and ensures a reinforcement to the overall stability of the excavation. Its application includes control over fluid loss and localized boosting of viscosity that helps solving various scenarios in most demanding soil conditions. When used in concentrations aver 0.5% , it increases the solids suspension properties of the fluid which allows higher density values.

USES

Hind Poly Bond is used to stabilize deep excavations, viz, pile boring and diaphragm wall trenches. These engineered fluids are recognized as bringing a number of benefits which includes site footprint, lower environmental impact and low construction costs.

ADVANTAGES

- Environment friendly
- Cost effective
- Easy to use.
- Biodegradable.

APPLICATION

To be added directly at the excavation point or immersed in plastic bags with weight to sink down with holes in order to allow the solution to be displaced, spreading its beneficial action to the excavation.

PROPERTIES

Aspect	Milky White Liquid
Specific Gravity at 27°C	1.03 ± 0.02
pH	≥ 6
Marsh Funnel Viscosity	At 2 Kg/m ³ - 30 secs
	At 3 Kg/m ³ - 60 secs
Coverage/Dosage	2-3 Kg/m ³ depending on the polymer concentration required.

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 5⁰ C (Min.) and 50⁰ C (Max.).

PACKING

20 Kg, 225 Kg in HDPE container or as required.

HANDLING PRECAUTION

Hind Poly Bond is non-toxic and prolonged skin contact should to be avoided. In case of contact with eyes occurs wash with plenty of clean water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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