









TiKEM POL 30

TiKEM POL 30 is a synthetic totally water-soluble polymer and it is mainly used for the preparation of stabilizing and lubricating mud in **drilling and civil engineering application**. TiKEM POL 30 drilling fluid is easy to prepare and easy to dispose after usage.






Very effective delivery liquid can make using Tikem POL 30 at wide range of **construction works** like bored pile and D-wall construction; tunnelling; basement stabilization; TBM works; pipe jacking etc. The product is friendly to the environment and biodegradable.

TiKEM POL 30 is a powerful viscosity agent recommended for all type of drillings especially when clay formation is encountered. Its main characteristics are its stabilizing and lubricating properties and the possibilities to be recycled many times.

Key properties:

-  Fast hydration
-  Cost effective: to be recycled many times
-  Enhances recovery in coarse formation
-  Stabilizes plastic clayey soils
-  Rebate clay sticking
-  High inhibiting power towards active and marine clays (swelling clays)
-  Prevent clogging risks
-  Degradable material: **non fermenting & friendly to the environment**

Application:

-  Bored pile and D-wall construction in specific ground conditions
-  Slurry shield tunnelling & Micro-tunnelling & HDD
-  TBM works
-  Water well drilling
-  Drilled Shafts & Tie-back drilling

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TECHNICAL PRODUCT INFORMATION SHEET

General characteristics:

| | | |
|---|-------------------|---|
|  | Appearance: | Opaque to White free flowing granular solid |
|  | Specific Gravity: | 1.00-1.01 |
|  | Density: | 0,6 – 0,7 g/cm ³ |
|  | Marsh Viscosity: | 65 – 70 sec |

Guidelines:

Ti KEM POL 30 dosage generally changes according to:

-  lubricating and viscosity characteristics needed by operators
-  soil condition on which the job is performed

| | |
|--------------------------------------|---|
| Low permeability soils: | 0,5 - 1,0 kg / m³ water |
| Clayey formation: | 0,1 - 0,3 kg / m³ water |
| Gravels or high permeability soils: | 1,0 - 1,5 kg / m³ water |
| Drilling mud loss in rock formation: | 1,0 - 2,0 kg / m³ water |

The pH level has to be kept into the basic field (9-10).

Packaging: 25 kg plastic bags, 1000 kg palletized

Shelf life: 12 months

Origin: EU

Exclusive Distributor:

Ti KEM Hungary LTD.
info@tikemhungary.hu

The data in this technical data sheet is provided for information only. It is correct to the best of our knowledge, information and belief at the date of its publication. All information comes from the producer. It does not constitute a specification and no liability is assumed, nor freedom from any existing patents.

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