



## Modisorb Pro

MODISORB Pro is a special lost – circulation material based on cross-linked sodium polyacrylate. It is a superabsorbent polymer insoluble in water, specially engineered for absorption and retention of fluids losing into the formation. MODISORB Pro is very well swellable in fresh (sweet) water. The performance of the superabsorbent polymers is related to the amount of salt in the liquids to be absorbed. It is very effective without any problems up to 0,2% NaCl test solution.

## Properties

Physical Form:	white granules
Particle Size:	0.15 – 0.85 mm
Bulk Density:	0,550-0,650 kg/l
Moisture Content:	less 2%
pH (1% gel in 0.9% NaCl):	6.0 ± 0.5
Storage:	3 years under dry conditions

Modisorb Pro is very well applicable when LC of a fresh water mud occurs. It is very fast swellable (during a few minutes). It is therefore very important to mix it and inject immediately into the LC formation. Modisorb Pro is highly effective. It can also be dropped into the bore-hole and fill in with water.

## Application

In concentration  $\pm 7$  kg/m<sup>3</sup> of water. Modisorb Pro makes very high viscose suspension and absorbs all water, what makes a gelatinous solution. Such solution is not solid and it is easily possible to be washed out. Recommended concentration is therefore up to 5 kg/m<sup>3</sup>. Modisorb Pro is environmentally harmless.

## Packaging

Modisorb Pro is packed in 20 kg paper bags.