

MANGADENSE

(Manganese tetraoxyde - Mn_3O_4)

Weighting agent for Drilling industry

KIMPE offers MANGADENSE, a hausmannite (Mn_3O_4)-based solution developed for the drilling industry. Acting as a high-performance weighting agent, it provides precise density control in drilling fluids and cement slurries. With high density, strong chemical stability, and fine particle size, MANGADENSE ensures reliable pressure management under HPHT conditions while maintaining smooth, homogeneous performance.

Applications

- ✓ *Weighting agent for drilling fluids and cementing*
- ✓ *Low viscosity spacers for wellbore cleaning and fluid-to-cement separation*
- ✓ *Self-stabilizing densifiers for simplified handling and safe logistics*

POWDER FORM

Finely milled hausmannite powder for direct integration in drilling fluids and cement slurries. Ensures reliable density and suspension performance.

SLURRY FORM

Liquid suspension (70% solids) ready for direct dosing. Dust-free, easy to handle, and ideal for automated production.

TECHNICAL SUPPORT

Our experts provide tailored assistance, in-plant trials, and full analytical documentation (TDS, SDS, chemical and granulometric analysis).