

**Absorption
compound
pellet**

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OCM-Rubicat

OCM-Rubicat is a pelletized adsorption compound based on iron hydroxide. Hydrogen sulfide is chemically bound by the iron hydroxide and thus removed from the gas. The material is continuously regenerated by adding aerial oxygen. This achieves high loading rates of more than 50% by mass based on commercial products.

The pelletized hydrogen sulfide scavenger OCM-Rubicat can be of particular benefit when used in gas treatment processes for desulfurization at biogas plants, landfills and wastewater treatment plants.



Applications

- Agricultural biogas
- Biogas from fermented waste
- Gas from anaerobic industrial wastewater treatment
- Landfill gas
- Mechanical fuel-gas and syntheses gas
- Sewage gas in municipal sewage treatment plants
- Hydrogen sulfide containing gas of different origin

Advantages

- Safe procedure tested and used for decades
- High cleaning performance at low cost
- High loading rates due to simultaneous regeneration
- High activity levels of the absorption pellets guarantee high-level purification
- Low decrease in pressure due to optimized pellet shape
- Easy and cost-effective disposal of spent material



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Technical specifications

Form	Pellets
Color	Red-brown
Odor	Odorless
Bulk density [kg/m ³]	660-710
Solubility in water	Virtually insoluble

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