

TECHNICAL DATA SHEET

Microsorb™ 30/60 RVM**Specialty granular attapulgite product**

Microsorb™ 30/60 RVM (Regular Volatile Matter) products are thermally activated granular Attapulgite minerals that are suitable for a wide range of sorbent and filtration applications. The RVM products have a high level of sorptivity and an intermediate level of particle strength. Microsorb RVM granular Attapulgite is available in a wide range of sizes and packaging to maximize end-use flexibility.

Chemical Composition

$(\text{Mg,Al})_5\text{Si}_8\text{O}_{20} \cdot 4\text{H}_2\text{O}$

Physical Properties

| | |
|---|--|
| Volatile matter at 1200 °F, moisture free basis | 8% |
| pH (DI Water) | 9.2 |
| Bulk Density (Free Fall) | 36 lbs/ft ³ / 689 kg/m ³ |
| Specific gravity | 2.4 |
| Particle Size, -30/+60 mesh (-0.60/+0.25 MM) | 93% |
| Free moisture at 220 °F, as produced | 7% |
| Color | light cream |
| Physical form | granular |

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications.

SPECIALTY SEGMENTS

BU ADSORBENTS & ADDITIVES

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Applications

Microsorb 30/60 RVM products are used in the following applications:

- Sorbents / Filter Aids
- Ag Carrier - Pesticide

Microsorb RVM granular products are effective as filtration aids in various liquid systems. Filtration systems using Microsorb sorbents are used to filter contaminants out of a variety of fuels and oils, including jet fuel, kerosene, various non-edible oils, and many others. Testing has also shown that these Attapulgate products can reduce the concentration of heavy metals and even certain viral or bacterial contaminants from liquid streams. Microsorb RVM products are recommended where the feed concentration of water as a contaminant is low.

Sorbents / Filter Aids

Microsorb RVM thermally activated granular sorbents are widely used to decolorize, deodorize, and remove surfactants, water, and other more polar impurities from various organic liquids. Granular grades are used in static bed or cartridge applications, while fine granules are used for contact filtration applications. The sorptive nature of these products makes them ideal for removing dirt and oil from animal pelts, cleaning stone and statuary, and for absorbing oil spills from racetracks. Any application requiring precisely milled, highly sorptive hard or soft particles is well served by our granular Attapulgate

Agricultural

Microsorb products are used as toxicant carriers and diluents in pesticide applications. RVM granules break down quickly in the environment, allowing for fast toxicant release.

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