

Attagel[®] 50

Attagel 50 is an inert powdered gelling grade of attapulгите. It is finely pulverized to effectively form colloidal gels in ionic and non-ionic aqueous solutions to provide thixotropic thickening and suspension.

Chemical Composition (Mg,Al)₅Si₈O₂₀·4H₂O

Properties

Typical Properties

pH (DI Water)	9.8
Bulk Density (loose)	25 lbs/ft ³ 400 kg/m ³
Specific gravity	2.4

Physical data

Average particle size (Dry Powder)	9 microns
Residue, +325 wet	0.01 %
Free moisture @ 220 °F, as produced	14 %
Volatile matter @ 1200 °F, moisture free basis	10 %
Color	light cream
Physical form	highly pulverized powder

The above typical properties are for general information only and should not be used for specification purposes. Performance characteristics vary depending on specific application. All products should be tested in customer's formulation prior to use. This information is subject to change at any time.

Applications

Attagel 50 is used in the following applications:

- Paints & Coatings
- Chemical Suspension
- Construction
- Ag Suspension – Suspension Conc. Liquid Feed & Suspension Fertilizer
- Adhesives & Sealants

Attagel 50 is recommended for use in paint and coatings applications where sag resistance, spatter control, and syneresis control is required. In most organic liquid systems, Attagel 50 can impart thickening and suspension when dispersed with an appropriate surfactant. It is also used in agriculture suspension products for suspending the active formulation ingredients.

Safety

General

BASF recommends that you take the appropriate safety precautions when handling this product as you should when handling all chemicals. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheets for Attagel 50.

Important

The descriptions, designs, and data contained herein are presented for your guidance only. Because there are many factors under your control which may affect processing or application/use it is necessary for you to make appropriate tests to determine whether the product is suitable for your particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, OR DATA MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, DATA OR DESIGNS PROVIDED BE PRESUMED TO BE A PART OF OUR TERMS AND CONDITIONS OF SALE.** Further, you expressly understand and agree that the descriptions, designs, and data furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for same or results obtained from use thereof, all such being given to you and accepted by you at your risk.

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