



ATTAPULGITE is a naturally mined clay composed of magnesium - aluminium silicate

USES

ATTAPULGITE is used in liquid fertiliser, cat litter, absorbents and in civil engineering.

PRODUCT DESCRIPTION

ATTAPULGITE clay is a hydrated magnesium aluminium silicate of the palygorskite mineral group. Its chemical formula is: $(Mg_2Al)_2 \cdot Si_4O_{10}(OH) \cdot 4H_2O$

PHYSICAL PROPERTIES

Colour: grey

SG: 2.5

Bulk density: 0.8

Oil absorption: 8.4 – 9 %

Moisture content: <1 %

Siev Grading (150 Micron): <5%

pH: 9

CHEMICAL PROPERTIES

Chemical	%
SiO ₂	66.1
Al ₂ O ₃	7.22
CaO	5.36
Fe ₂ O ₃	6.08
MgO	14.19
Na ₂ O	0.04
K ₂ O	0.25
LOI	14.7

TYPICAL MINERALOGY

Attapulgite palygorskite and smectite.

PACKAGING

Tankers
1000 kg
40 kg bags

SAFETY PRECAUTIONS

Keep out of reach of children
Avoid inhalation of powder and dust
Ensure good ventilation during application & drying
In case of skin contact, wash with soap and water