



Oreworld trade (Tangshan) co., Ltd.

Activated Clay

Introduction of Activated Clay

Our product [acid activated clay](#) is clay of bentonite origin, it is chemically inert and non-toxic. We got Activated Clay after the bentonite has been processed with acid activation (usually hydrochloric acid and sulfuric acid), the adsorption properties are considerably improved. Activated Clay can be reactivated by heating it to get it to release the substances it has adsorbed, allowing people to reuse it.

Applications for Activated Clay

- Edible oil, animal fat oil decoloration and purification
- Soap etc daily chemical
- Lubricants, paroline, naphthienic acid etc medical industry.
- Water Purification
- Waste engine oil, diesel

The advantages of the Activated Clay

- The quality overpass the GB standard
- Stable performance
- High purification and decolorize
- Fast filter speed
- Lower acid

Physical and Chemical Properties of Activated Clay

Properties	Item	Value
Physical Properties	Decolorize Rate (%)	≥95
	Free Acid(Calculated as H ₂ SO ₄)%	≤0.2
	Leaching rate(ml/min)	≥4.0
	Activation(0.1NNaOH/100g)	190--230
	Granularity(200mesh)%	≥95
	Moisture (%)	≤12
	Pile Density(ml/g)	0.7-1.1
Chemical Component	SiO ₂ %	60-70
	AL ₂ O ₃ %	15-18
	Fe ₂ O ₃ %	2-3
	MgO%	3-6

Packaging of Activated Clay

Activated Clay is available in ton-jumbo bag. Other packaging is according to customer's requirement.