

Activated alumina powder

Products Introduction:

Activated alumina powder is also known as the rho alumina powder, which is a alumina transition phase. Its main crystal phase is palumina base. Palumina is made by aluminum hydroxide through suspension roasting rapid dehydration and rapid cooling system.

Its specific surface area is more than 260 m²/g, so it has strong flexibility , water absorption performance, and certain hydration.

It replaces pure calcium aluminate cement in refractory castable binder, micro silicon powder and ultrafine alumina powder in adhesive and binder.

Characteristics:

IHigh surface area

ILow LOI

IHigh AL₂O₃

Item	Unit	Technical requirement
Particle size	um	10±0.5
ρ-AL ₂ O ₃	%	≥65
AL ₂ O ₃	%	92
SiO ₂	%	≤0.02
Fe ₂ O ₃	%	≤0.02
Na ₂ O	%	0.30-0.4
Surface area	m ² /g	250-300
Pore Volume	ml/g	0.20-0.25
LOI	%	6-8

Note: We could manufacture activated alumina powder according to your required data.

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Application:

It replaces pure calcium aluminate cement in refractory castable binder, micro silicon powder and ultrafine alumina powder in adhesive and binder.

Storage:

Avoid moisture, avoid scrolling, throw and sharp shocking during transportation, rainproof facilities should be readied..

It should be stored in dry and ventilated warehouse to prevent contamination or moisture.

Package:25kg/plastic bag, 1000kg/jumbo bag

Type	Super sack/Jumbo bag
Powder	1000kg/ 2200 lb

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