SPECIFICATION

NAME: Calcined Alumina

DESCRIPTION:

Alumina is an inorganic friction raw material filler, and it can greatly increase friction coefficient due to its high mohs scale of hardness. It is widely used as friction raw material filler in friction industry, since it is one of the most efficient friction performance modifier for friction increasing. Usually, its granule is controlled above 325 mesh, and its Al2O3 content or purity shall be up to 80%. This grade of alumina will contribute more on friction increasing.

GRANULARITY (*SIEVE ANALYSIS*)

Sieve size(μm/mm) :	45μm
Mesh:	325
Detection value:	95.22%
Particle size :	2.8μm

APPEARANCE

Shape:	Powder
Color:	White

PHYSICAL PROPERTIES

Specificgravity(g/cc,g/cm^3)	3.9
Bulk Density(g/cc, g/cm^3)	0.77-0.95
Oilabsorption (%)	12-22
Hardness(Mohs)	7.0-7.8
Moisture Rate(%)	≤0.15%
Melting point (℃)	2050℃
Volatile content (%)	≤0.1%

CHEMICAL COMPOSITION

Composition	Al2O3	Fe2O3	SiO2
Rate (%wt)	≥99.2	0.03	0.02

PACKAGE

25KG/bag, double sheet paper bags, white color

APPLICATION

Alumina is an inorganic friction raw material filler, widely used for manufacturing Automotive, Commercial Vehicle, Motorcycles, Trailers brake pads and Brake Linings, and Braking Elements Industrial Equipment.