

SPECIFICATION

NAME : Aluminum Powder

DESCRIPTION:

Aluminum is a very useful and wearable friction raw material filler. It helps to maintain stable level of friction coefficient in the friction materials. Its high heat transfer coefficient contributes to control of the temperature of the brake components. Aluminum is very soft, compared with other metal materials, so it will not hurt the surface of brake rotors? which is helpful to extend the usage of brake system. And aluminum will be evenly distributed outside of the friction products to own a beautiful appearance at the same time.

GRANULARITY(SIEVE ANALYSIS, PART ICLE SIZE)

Sieve size($\mu\text{m}/\text{mm}$) : 45-10 μm
Mesh : 140-325
Detection value(%) : 99.0%

APPEARANCE

Shape : Spherical Powder
Color : Silver gray

PHYSICAL PROPERTIES

Bulk Density (g/cc, g/cm³) 1.85-1.95
Moisture Rate (%) $\leq 5\%$
Melting point (°C) 1850°C



CHEMICAL COMPOSITION

Composition	Al	Fe	Cu	Zn	Sn	Si	O
Rate(%wt)	70	≤ 0.15	≤ 0.02	≤ 0.01	≤ 0.01	≤ 0.1	≤ 0.1

PACKAGE

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

APPLICATION

Aluminum is widely used for manufacturing Automotive, Commercial Vehicle, Motorcycles, Trailers brake pads and Brake Linings, and Braking Elements Industrial Equipment.