PRODUCTION SPECIFICATION

NAME: Brass Fiber

DESCRIPTION:

Brass is a very common metal friction material filler, its good heat transfer coefficient contributes to transfer the heat generated from frictional touch face to in-part of the friction products, thus to control of the temper ature of the brake components. The chemical composition and micro-structure of the fiber make Brass an ideal material for use in friction materials of high performance and high duty levels. Brass also has a relatively low Mohs scale of hardness, which contributes to anti-frictioning high temperature.In Europe,brass will be widely used in brake pads, especially in high-class brake pads friction materials, 5%-8% will be much more proper.

GRANULARITY (SIEVE ANALYSIS, PARTICLE SIZE)

Length of Fiber (lf): 1.0-5.0mm

Diameter of Fiber (df): 0.15-0.25mm

Length to Diameter Ratio (lf/df): 6-20

Detection Value 95.22%:

Sieve(mm)	Specified (%)	Typical(%)
>0.25	0.0-2.0	0.2-1.8
0.25	10.0-40.0	20.0-36.0
0.15	50.0-80.0	58.0-72.0
<0.15	0-12.0	2.0-10.0

APPEARANCE

Shape: Needle like, Fiber

Color: Pale yellow

PHYSICAL PROPERTIES

Specific Gravity (g/cc): 8.50

Apparent Density (g/cc): 1.2-3.5

CHEMICAL COMPOSITION

Elements	Cu	Zn	Pb	Sn	Fe	Ni	Al
Rate(%)	59	Remain	1.0-3.0	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5

PACKAGE

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

APPLICATION

Brass fiber is a very common metal raw friction material filler, widely used for manufacturing Automotive, Commercial Vehicle, Motorcycles, Trailers brake pads and Brake Linings, and Braking Elements Industrial Equipment.