



● Data Sheet

Friction-enhancing Agent	Appearance	Components (Aluminum-titanium oxide)	Absolute Density (g/cm ³)	Loose Density (g/cm ³)	Moisture	Diameter (Mu/D90)	PH	Mohs Hardness
NP-F02-YG	Gray powder	≥90%	1.2-1.5	0.6-0.8	≤0.5%	600	10-12.5	5
NP-F02-DG	Gray powder	≥90%	1.4-1.6	0.8-1.0	≤1%	400	10-12.5	5

Package: 25 kg/bag

1.Material:

The friction-enhancing agent comes from natural ore. It is prepared by calcination purification and other processes. The main component is the oxide formed by aluminum-titanium-calcium element. It has the characteristics of friction-enhancing, wear-resisting, low noise with low price.

2.Application:

The friction-increasing agent can be used in the production of automobile brake pads (brake pads, brake drums and brake lining), train brake pads (train brake shoe, train brake composite), aircraft brake pads, engineering machinery brake pads (friction pads), agricultural machinery brake pads (blocks), Marine friction blocks, household appliances friction blocks (such as washing machines, etc.), oil rig friction blocks, etc.

3.Dosage:

It is recommended to add the proportion of 3-8%, which can reduce the adding ration of resin and other high price materials to lower the cost.



4. Advantages:

It has good wear resistance and moderate hardness, no dust. And it is a mild material.

It is green and environmental friendly material and does not contain asbestos and other heavy metals.

Its production process is stable, high temperature calcination, graded screening products.

The friction-enhancing agent can be used to replace alumina, ferrochrome ore powder, zirconium silicate, brown corundum and other materials with increasing friction effect.

Inspection Equipment:



Vibration density meter



Electron microscope



Laser particle size distribution instrument



Various testing auxiliary tools

Friction-Enhancing Agent (NP-F02-YG) Particle size distribution graph

