

## White carbon black dispersant

### KB-6B( Special for tires)

Composition: mixture of fatty acid lipids, metal soap salts, hydrocarbons, inorganic carriers etc.

Appearance: white to light yellow granule

Packaging: double-layer packaging consisting of plastic bag and compound woven paper bag

Net weight: 25kg/bag

Safety performance: non-toxic and harmless

Storage period: Two years in ventilated, dry warehouse containing no corrosive matters

PH value: 3.5-8.5

Heating loss (55°C):  $\leq 2.0\%$

Inorganic content (950°C):  $\leq 20.0\%$

Scope of application:

Suitable for natural rubber, synthetic rubber and reclaimed rubber.

Characteristic performance:

1. It can improve the mixing effect of rubber compound, effectively rate up the dispersion of carbon black and other extenders in rubber compound, further shorten the mixing time, increase the extrusion and calender rate, and reduce energy consumption.
2. It is suitable for rubber compound containing a large amount of white carbon black and can reduce the Mooney viscosity of rubber compound, prevent the rubber material from sticking to the roller, reduce the risk of early scorching, and promote vulcanization.
3. It can effectively improve the fluidity of rubber compound, improve the compactness and brightness of the extruded and calendered products, reduce the defects of finished product, and improve the appearance quality and acceptance rate of products.
4. It can be well compatible with various types of rubbers. As long as the White carbon black dispersant is added in the recommended amount, it has no adverse effect on the physical properties of the product and can be widely used in ingredients of various types of rubber.

Instructions:

It can be added together with other chemical compounding agents during the mixing process.

Recommended dosage:

1. Add the White carbon black dispersant in 1-5% of the amount of crude rubber.
2. Properly increase the amount of White carbon black dispersant for polar rubber.