



Carbon black dispersant

KT-8B

Composition: blend of metallic soap salts and organic functional polymer resin.

Appearance: powder or granule, light brown, brown or dark brown

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

Net weight: 25kg/bag

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

PH value: 5.5-8.5

Heating loss (55°C): $\leq 2.0\%$

Inorganic content (950°C): $\leq 35.0\%$

Scope of application:

Applicable for natural rubber and synthetic rubber, and reclaimed rubber. It applies for both sulfur curing and peroxide curing.

Characteristic performance:

1. It can effectively improve the mixing effect of rubber compound, effectively accelerate the dispersion of carbon black and other extenders in rubber compound, further shorten the mixing time, increase the extrusion and calendaring rate, and reduce the energy consumption to achieve the goal of reducing production costs.
2. It can effectively reduce the Mooney viscosity of rubber mixings, improve the fluidity of rubber compound, improve the compactness and brightness of the extruded and calendared products, reduce the defects of finished product, and improve the appearance quality and acceptance rate of products.
3. It is helpful to improve the scorch performance and improve the safety of rubber processing operations. In addition, adding an appropriate amount of the Carbon black dispersant is also beneficial for improving the wear resistance and flexing and cracking properties of finished product.
4. It can significantly improve the product batch index stability, yielding products with stable dimensions and delicate appearance. Also, it can improve the yield rate of products so as to reduce the overall costs.
5. It can be well compatible with various types of rubber. As long as it is used in the recommended amount, it has no adverse effect on the physical properties of products. It can be widely used in various rubber ingredients. Moreover, proper amount of the Carbon black dispersant is helpful in suppressing blooming of rubber compounds.

Instructions:

KT-8B can be added together with other chemical compounding agents during the mixing process. Adding it at early stage can achieve more desirable effect.

Recommended dosage:

1. Add the Carbon black dispersant in 1-4% of the amount of crude rubber.
2. Properly increase the amount of Carbon black dispersant for polar rubber.