



Flowing Dispersant

KT-8AH

Composition: mixture of fatty acids and their esters, hydrocarbons, waxes and inorganic carriers etc.

Appearance: white to 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 warehouses containing no corrosive matters

pH value: 4.0-7.0

Heating loss (55℃): ≤2.0%

Inorganic content (950℃): 18.0-22.0%

Scope of application:

Applicable for natural rubber, synthetic rubber, and reclaimed rubber.

Characteristic performance:

1. KT-8AH has excellent mixing effect, can accelerate the dispersion of white-carbon black, carbon black and other fillers, further shorten the mixing time, increase the extrusion and calendering rate, and reduce the energy consumption.
2. KT-8AH ensures good fluidity of the rubber, reduce the Mooney viscosity of the rubber compound, improve the compactness and brightness of the extruded and calendered products, reduce the defects of the finished product, and improve the appearance and quality pass rate of products.
3. KT-8AH has good plasticizing properties such that quick mold filling at a lower pressure is possible during transfer and injection molding. Moreover, it offers good mold release properties.
4. KT-8AH can be well compatible with various types of rubbers. As long as the flowing 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:

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

Recommended dosage:

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