

Internal Release Agent

KL-3A

Product description:

Composition: metal soap salts, fatty acid esters, alcohols, etc.

Appearance: White powder or granules.

Packing: double-layer packaging in plastic bag, composite woven paper bag.

Net weight: 25kg/bag.

Storage time limit: store in a ventilated, dry, non-corrosive warehouse for two years.

Safety performance: odorless, non-toxic, non-polluting.

PH value: 7.0-10.0

Heating loss (55℃): $\leq 2.0\%$

Inorganic content (950℃): $\leq 30.0\%$

Applicable scope:

It is suitable for natural rubber and synthetic rubber, and has excellent effect on ethylene propylene rubber and acrylic rubber.

Performance characteristics:

1. When KL-3A is mixed with the rubber compound according to the recommended dosage, there is no need to spray the external mold release agent. It has an excellent improvement effect on the contamination, stain and corrosion of the mold.
2. KL-3A can improve the fluidity of the rubber compound, increase the extrusion and calendaring speed during mixing, and has the function of processing dispersant. It can not only make the index of each batch of products uniform, maintain high stability of product quality, but also significantly reduce production energy consumption, also improve product yield to achieve the goal of reducing overall costs.
3. KL-3A has a good compatibility with the rubber compound. It is not easy to bloom when used within the recommended dosage, and does not affect the hardness, tensile strength, constant elongation strength and other physical properties of the rubber product.
4. In the rubber injection and molding process, adding KL-3A can make the surface of the extruded rubber material smooth and flat, with a delicate appearance and accurate size, and improve the internal and external quality of the product.

Instructions for use:

1. KL-3A can be added together with other chemical compounding agents during the mixing process, and the effect of adding it in advance is better.
2. KL-3A can be used together with 0.5-1 part of KB-6B (in white material) or KT-8B (in black material) at the same time to achieve better results.

Dosage recommended:

1. General raw rubber: add 1 to 4 parts according to the amount of raw rubber.
2. Halogenated rubber and other polar rubbers: the dosage should be appropriately increased.