

## Internal Release Agent

### KL-3B

#### PRODUCT DESCRIPTION

**Composition:** metal soap salts, fatty acid esters, 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°C):** ≤2.0%

**Inorganic content (950°C):** ≤32.0%

#### APPLICABLE SCOPE

This product is suitable for natural rubber, synthetic rubber and reclaimed rubber.

#### PERFORMANCE CHARACTERISTICS

1. After KL-3B is mixed with the rubber material, it can keep the mold clean without spraying the external mold release agent. Contamination and corrosion of the mold caused by the material.
2. KL-3B has the function of processing dispersant in the mixing of various products in addition to the mold release function, and has the function of improving fluidity, which can greatly reduce the torque of the extrusion screw, reduce energy consumption, and improve calendaring, Extrusion speed.
3. After using KL-3B, because of its excellent dispersing function, the batch index of the product is stable without fluctuation, and the surface finish of the final product can also be improved. overall cost target.

4. KL-3B has a good compatibility with the rubber compound. When added within the recommended amount, there will be no blooming phenomenon, and it has no adverse effect on the hardness, tensile strength and other physical properties of rubber products. It can improve the chemical properties of finished products such as acid and alkali resistance, water and oil resistance, and oxidation resistance.

5. KL-3B can be used in combination with KB-6B for light-colored rubber products and has a brightening effect. For example, the sole of the shoe can prevent the color mixing, make the color of the product clearer and brighter, and improve the quality of the product.

#### **INSTRUCTIONS FOR USE**

1. KL-3B 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-3B can be used together with KB-6B at the same time, which can show better demoulding and processability.

#### **DOSAGE RECOMMENDED**

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