

## Internal Release Agent

### KL-3MA

**Product description:**

Composition: metal soap salt, surfactant, etc.

Appearance: White powder or granules

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

Net weight: 25kg/bag

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

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

PH value: 5.0-9.0

Heating loss (55℃):  $\leq 2.0\%$

Inorganic content (950℃):  $\leq 15.0\%$

**Applicable scope:**

Suitable for natural rubber and synthetic rubber, and has excellent effect on ethylene propylene rubber, butyronitrile, acrylate and other rubber species.

**Performance characteristics:**

1. KL-3MA has a dispersing function, which can improve the fluidity of the rubber compound and increase the calendaring or extrusion speed during mixing, which can make each batch of product indicators uniform, maintain high stability of product quality, and can also greatly reduce production consumption.
2. KL-3MA has a good release effect, which can keep the mold clean and bright, and extend the service life of the mold.
3. KL-3MA can improve the yield of products to achieve the goal of reducing the overall cost, it has good compatibility with the rubber compound, and it is not easy to bloom when used within the recommended dosage.
4. The addition of KL-3MA in the rubber injection and molding process can make the surface of the extruded rubber compound smooth and flat, with a delicate appearance and accurate size, and improve the internal and external quality of the product.

**Instructions for use:**

KL-3MA can be added together with other chemical compounding agents during the mixing process, and the demoulding effect is better when added later.

**Dosage recommended:**

1. General raw rubber: the addition range is 1~4 parts according to the raw rubber amount, and the recommended dosage is 1.5-2 parts.
2. Halogenated rubber and other polar rubbers: the dosage should be appropriately increased.