

Internal Release Agent

KL-3T

Composition: metal soap salt, fatty acid ester, alcohol, etc.

Appearance: white powder or granule

Packaging: double-layer packaging of plastic bags and composite woven paper bags

Net weight: 25kg/bag

Storage period: store for two years in a store with ventilated, dry and free of corrosion

Safety performance: no odor, no poison, no pollution

PH value: 4.5-7.5

Heating loss (55°C): ≤2.0%

ash content (800°C) ≤8.0%

Applicable rubber type:

It is suitable for natural and synthetic rubber, and has excellent effect on EPR, ACM and other rubber types.

Features:

1. When KL-3T is mixed and used together with rubber according to the recommended ratio, there is no need to spray external release agent, and the release effect is excellent. It can maintain the cleanliness and brightness of the mold, and has the function of automatic cleaning of the mold. It can extend the mold's service life, and has an excellent improvement effect on the dirt, stains, and corrosion caused by the mold.
2. KL-3T can improve the fluidity of the rubber material, increase the rolling or extrusion speed during mixing, and also have the function of processing dispersant. It can not only ensure uniform product indicators for each batch, maintain high stability of product quality, but also significantly reduce production energy consumption. It can also improve the production rate of products to achieve the goal of reducing comprehensive costs.
3. KL-3T has good compatibility with the rubber material, and it is not easy to spray frost when used within the recommended dosage. It also does not affect the physical properties of the rubber product, such as hardness, tensile strength, and constant elongation strength.
4. In the rubber injection and molding process, adding KL-3T can make the surface of the extruded rubber material smooth and flat, with a delicate appearance and precise dimensions, improving the internal and external quality of the product.



Usage:

KL-3T can be added together with other chemical additives during the mixing process, and the effect is better when added later.

Recommended dosage:

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