

Internal adding mold discharging agent

KL-3D

Composition: high-efficiency surfactants, high-molecular-weight hydrocarbons and inorganic carriers etc.

Appearance: white to light yellow powder or granule

Packaging: double-layer packaging consisting of plastic bag and compound woven paper bag.

Net weight: 25kg/bag

Storage period: Two years in ventilated, dry warehouses containing no corrosive matters, moisture-proof measures required

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

Technical indicators:

Initial melting point: 47.0-60.0°C

Volatile content at 55°C: $\leq 2.0\%$

Ash content at 950°C: $\leq 5.0\%$

Scope of application:

Especially suitable for butyl rubber, and also applicable for neoprene and other polar rubbers.

Characteristic performance:

1. It has a good demolding effect. It can extend the mold life cycle, and keep molds clean and bright..
2. It can improve the fluidity of rubber materials, increase the calendaring or extrusion rate, and can also greatly reduce the production energy consumption. Moreover, it can maintain uniform technical indicators of the product of each batch of products, thus ensuring highly stable product quality.
3. It can improve the surface finish, gloss and fineness of the products, and increase the yield of products, thus reducing the overall cost.

Instructions:

KL-3D can be added together with other chemical compounding agents during the mixing process. Adding it at later stage can obtain more desirable demolding effect.

Recommended dosage:

1. Add the mold discharging agent in 1-4% of the amount of crude rubber for general crude rubbers.
2. Properly increase the amount of the mold discharging agent for butyl rubber, halogenated rubber and other polar rubbers.