

FATTY ACID AMIDE

Process improvement of resin or rubber, and improvement of the surface of resin or rubber products.

Monoamide	$-\text{CONH}_2$
Substituted amide	$-\text{CONH}-$
Bisamide	$-\text{CONH}\sim\sim\sim\text{NHCO}-$
Methylol amide	$-\text{CONHCH}_2\text{OH}$
Ester amide	$-\text{CONH}\sim\sim\sim\text{OC}-$ O
Alkylurea	$-\text{NHCONH}-$

STRUCTURE of AMIDE SERIES

Applications

- Internal lubricant: Reduces torque when processing resin and rubber.
- External lubricant: Provides slip on the surface of resin products and improves fluidity of fine powder such as resin pellets and metallic powder.
- Anti blocking agent: Prevents blocking of resin film sheets, pellets, resin powder, and ink.
- Dispersant: Disperses carbon black or pigment into resin or rubber.
- Release agent: Used when molding resin or rubber.
- Gelling agent: Gelling agent and thixotropic agent for grease or paint.
- Sensitizer: Antistatic electricity.

Features

- Solid-type lubricant which has a long chain fatty group and amide group in the molecule. Thermally and chemically stable.
- The highest melting point among the fatty acid derivatives.
- Improves the surface of resin with a small amount of amide.
- A rich variety of amides (50 grades). Can control particle size or disperse in water.

Packing

- 20Kg Paper bag with a layer of PE film inside

