



THERMOPLASTICS FREQUENTLY ASKED QUESTIONS

# Lubricants

## GENERAL QUESTIONS ABOUT MOULD LUBRICANTS

### When do you typically use lubricants in thermoplastic processing?

In thermoplastic processing, lubricants are mainly used to avoid seizing or blocking of moving parts such as ejector pins, sliders, nozzles, and conveyor belts.

### Is it possible to inhibit the transfer of lubricants for ejector pins to demoulded parts?

Often, low-quality or non-specialized lubricants are thermally unstable. The film created by such lubricants can "come off" the ejector pins and reach the tips of the pins. From there the lubricating film can be transferred to the parts ending up as a deposit on the demoulded part.

Thermally stable, special purpose lubricants are specifically developed for ejector pin applications and are designed to remain on the ejector pins with no risk of being transferred during processing.

### How long does the lubricating effect last?

The lasting effect of a lubricant depends mainly on the type of lubricant, the application and the tool cycle time. Results will vary based upon these parameters. It is best to select a lubricant designed specifically for the purpose and temperature range required.

## QUESTIONS ABOUT LUSIN® MOULD LUBRICANTS

### What Lusin® lubricants are specifically designed for thermoplastic processing?

Lusin® Lub PZO 152 is specially designed for general industrial use and [Lusin® LU1201F](#) has been developed specifically for food packaging applications. Both lubricants operate at temperatures of up to 150°C (300°F).

### What kind of packaging do you have available for Lusin® lubricants?

Lusin® lubricants are available as aerosols or in tubes or cans, depending on the particular product.

### Is Lusin® PM 1001 still effective when exposed to high temperatures (>300°C/>572°F)?

Lusin® PM 1001 will continue to provide the lubrication and anti-seize properties that the product was designed to deliver despite it drying at high temperatures.

Visit our website to watch our application videos. Search our English Germany website for "[Clean, Lubricate, Release, Protect](#)".