THERMOPLASTICS FREQUENTLY ASKED QUESTIONS

Cleaners & Degreasers

GENERAL QUESTIONS ABOUT MOLD CLEANERS & DEGREASERS

What is the difference between a mold cleaner and a degreaser (surface cleaner)?

Mold cleaners are principally designed to dissolve polymers, with the sole exceptions being PE and PP.

Degreasers (surface cleaners) are designed to remove buildup of oils, waxes, and pastes.

Do mold cleaners remove polyolefins?

It is not possible to dissolve polyolefins. However, when cleaning a mold, the polymer is typically not causing the main problems. Instead, it is additives, pigments, and paints that are building up in the mold and need to be removed. Mold cleaners are formulated to attack those specific problems to fully clean a mold.

Are there any advantages offered by mold cleaners other than cleaning?

The viscosity or MFI (Melt Flow Index) of some engineered polymers can disrupt the passage of air through the venting system of the mold. The application of a mold cleaner to the air venting system during the production process can often solve this issue and avoid the need to remove the mold from the machine for cleaning purposes.

QUESTIONS ABOUT LUSIN® MOLD CLEANERS & DEGREASERS

Why do Lusin® Clean L 23 F or Lusin® MC1718 not remove polymer residue on metal surfaces that are hotter than 75°C/167°F?

Lusin® Clean L 23 F and Lusin® MC1718 evaporate too quickly at temperatures above 75°C/167°F and cannot remain on the surface long enough to dissolve the polymer residues.

Is there any Lusin® mold cleaner that can be used on hot surfaces above 75°C/167°F?

Yes. Lusin® Clean 101 F can be used effectively on hot molds with a maximum surface temperature of 130°C/266°F.

Do Lusin® degreasers attack plastic surfaces?

No. Lusin® degreasers (surface cleaners) will not attack plastic. They are safe to use for removing oils and waxes from plastic parts.

Visit our website to watch our application videos.
Search our English global website for "Clean and Degrease a Disassembled Mold."