



# Lusin® Clean 1500

## High Concentrated Purging Compound for Screws, Cylinders, Nozzles and Hot Runner Systems during Polycarbonate Processing

### Benefits

- Especially dedicated for the cleaning of polycarbonate
- Concentrated: low consumption - economical
- No smell during application
- No contamination of the following parts
- Removes residues and encrustations
- Suitable for hotrunner systems
- No generation of milky traces

### Description

Lusin® Clean 1500 is a high concentrated purging compound that is specially developed for the processing of polycarbonate. The compound consists of high grade plastics with high efficient cleaning additives and doesn't contain any abrasives. The product is completely miscible with polycarbonate and doesn't generate any milky traces. Lusin® Clean 1500 can be used at processing temperatures up to 350°C.

### Dosing Instructions

Dosing table for the cleaning of screw and cylinder (approx. values):

Screw Diameter	Recommended quantity of Lusin® Clean 1500	Recommended quantity of neutral PC
30 mm	0,1 kg	0,3 kg
40 mm	0,2 kg	0,6 kg
60 mm	0,4 kg	1,2 kg
80 mm	0,7 kg	2,1 kg
100 mm	1,3 kg	3,9 kg
120 mm	2,5 kg	7,5 kg

### Application

Lusin® Clean 1500 is suitable for colour and material change as well as for removal of black spot contaminations and carbon residues especially on transparent parts.

We recommend the following cleaning procedure::

1. Prepare a mixture of PC containing 25% of Lusin Clean 1500 (see dosing table)
2. Empty cylinder
3. Fill the mixture into the hopper

4. Fill the cylinder with the plasticized mixture. Stop the screw for 3 – 5 minutes in case of strong and resistant contaminations.
5. Purge the cleaning mixture or in case of cleaning the hot runner system inject into the mould
6. Refill cylinder with new material
7. Restart production

In case of changing from polycarbonate to other resins like ABS, PP or PA the processing temperatures should be adjusted to the new material after the purge was performed. On restart of the following material the processing temperatures should not be below 250°C.

### Storage/Handling

Store Lusin® Clean 1500 in an indoor area at room temperature. Shelf Life for Lusin® Clean 1500 is two years. For further information on storage, handling, hazards, etc., please request a copy of Chem-Trend's Safety Data Sheet.

### Packaging

Lusin® Clean 1500 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

### Further Information

Request information on our complete range of materials for this industry.

*While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.*