

## PRODUCT DATA

PRELIMINARY

# Lusin® Clean 1061

**Ready-to-use purging compound for screws, cylinders, nozzles and hotrunner systems of injection molding machines**

### Benefits:

- ✓ Especially developed for caps and closures made of polyolefin
- ✓ Rapid cleaning effect
- ✓ Suitable for hotrunner systems
- ✓ Suitable as freezing mixture
- ✓ According to FDA regulations (21 CFR) all components of the formulation of Lusin® Clean 1061 are either GRAS or permitted for direct or indirect food contact
- ✓ The formulation of Lusin® Clean 1061 is in compliance with European Plastics Regulation No 10/2011

### Description

Lusin® Clean 1061 is a high efficient purging compound developed for the cleaning of screws, cylinders and hotrunner systems for parts made of polyolefin. Lusin® Clean 1061 is especially recommended for color or material change as well as for the removal of black spots, carbon residues and cracked materials. Lusin® Clean 1061 can also be used as freezing mixture for shutdown procedures during the weekend.

The purging compound consists of high grade plastics with high efficient cleaning additives. Lusin® Clean 1061 can be used at processing temperatures up to 290°C.

### Typical Properties

Appearance	Translucent yellow granules
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### Application

We recommend following cleaning procedure for cylinder and hotrunner systems:

1. Increase the temperature of the hotrunner by 20°C
2. Fill the recommended amount of Lusin® Clean 1061 (refer to table one) into the hopper when it is nearly empty. Running empty of the barrel is not recommended.
3. Go on producing parts. In terms of difficult demolding of the parts we recommend to inject into the open mold.
4. After complete transition to Lusin® Clean 1061 production should be stopped for 3 to 5 minutes for a reaction delay

5. restart production of parts

6. Fill in the following material when the hopper is nearly empty. Ensure that the cylinders runs all the time full of material.
7. Purge Lusin® Clean 1061 out of the system according to step 3 and then restart production.
8. In case of very resistant contaminations steps 2 to 6 should be repeated. Alternatively the amount of Lusin® Clean 1061 should be increased.

Table one: Approx. dosing instruction for cleaning screw, cylinder and hotrunner system:

Screw diameter	Recommended amount of Lusin® Clean 1061
50 mm	6 kg
75 mm	9 kg
90 mm	14 kg
120 mm	23 kg

### Storage / Handling

Store in sealed delivery packing in a dry indoor area at normal room temperature

For further information on storage, handling, hazards, etc. please refer to safety data sheet.

### Shelf life

Approx. 2 years

### Packaging

25 kg bag  
art. no. 1040020239

### Further Information

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

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