

PRODUCT DATA

Lusin® Clean OH 311

Non-Abrasive Purging Compound – For PVC

Benefits

- For purging of PVC in extrusion and injection
- Use up to 300°C/572°F
- Contains no abrasives
- Odorless
- Excellent cleaning effect

Dosage Table

Screw Diameter of Injection Molding Machine	Maximum Injection Weight of Polystyrene	Recommended quantity of Lusin® Clean OH 311
15.20 mm	22 g	0.3 kg/0.66 lb
22 mm	35 g	0.4 kg/0.88 lb
30 mm	100 g	1.0 kg/2.2 lb
35 mm	140 g	1.4 kg/3.1 lb
40 mm	180 g	2.0 kg/4.4 lb
50 mm	360 g	3.9 kg/8.6 lb
70 mm	1040 g	11.0 kg/24.2 lb
80 mm	1360 g	15.0 kg/33.0 lb
90 mm	2700 g	26.0 kg/57.2 lb
100 mm	4200 g	32.0 kg/70.4 lb
120 mm	5700 g	54 kg/118.8 lb

Description

Lusin® Clean OH 311 is a granular purging compound based on a thermoplastic material with a built-in cleaner. It is suitable for use at processing temperatures up to 300°C/572°F. Lusin® Clean OH 311:

- Removes, within the operational temperature range, deposits and encrustations from screw, cylinder and nozzle
- Can be used for cleaning of screw when color or material is changed
- Cleans gently as it contains no abrasives or solvents
- Odorless
- Requires no hazard markings according to USDOT regulations

Applications

Use Lusin® Clean OH 311 for purging during the processing of PVC. For engineering plastics such as PS, SAN, ABS, PC, PMMA, POM, PA Lusin® Clean G 320 is recommended. For PP and PE, Lusin® Clean G 315 will provide optimal cleaning efficiency.

Application Instructions

1. The quantity of Lusin® Clean OH 311 required for the cleaning process corresponds to approximately 10 times the maximum injection weight of PS – refer also to the Dosage Table.
2. Empty cylinder.
3. Fill hopper with Lusin® Clean OH 311. Adjust the cleaning temperature as near as possible to the requirements of the previous material and plasticize Lusin® Clean OH 311 through the cylinder.
4. In case of stubborn residues, plasticize only half of the Lusin® Clean OH 311, stop the screw and allow the Lusin® Clean OH 311 to soften the contamination for about 15 minutes. After this period, plasticize the rest of the Lusin® Clean OH 311 and fill the hopper with the new material.
5. Run through a small quantity of the new granulate to expel the rest of the Lusin® Clean OH 311 from the cylinder. Begin production.

Storage/Handling

For further information on storage, handling, hazards, etc., please request a copy of Chem-Trend's Material Safety Data Sheet.

Packaging

Lusin® Clean OH 311 is available in 25 kg. bags.

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.

Further Information

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