Chem Trend
Release Innovation™

PRODUCT DATA

Lusin® Clean G 295 C

High Concentrated Purging Compound for Screws, Cylinders, Nozzles and Hot Runner Systems

Benefits

- Specially developed for caps and closures production
- Concentrated: low consumption – economical
- Odorless during application
- Rapid cleaning effect
- NSF-registered; conforms to H2 listing requirements
- Suitable for use in hot runner system

Lusin® Clean G 295 C is a highly-concentrated purging compound. It is specially developed for cleaning screws, cylinders and hot runner systems for caps & closure production. The compound consists of high-grade plastics with high efficient cleaning additives and contains no abrasives.

Lusin® Clean G 295 C can be used at processing temperatures up to 295°C/570 °F.

Approx. dosing instruction for cleaning screws, cylinders and hot runner systems

Screw Diameter	Amount of Lusin® Clean G 295 C	Amount of Neutral PE or PP
50 mm (2 inch)	5 kg (11 lbs)	10 kg (22 l lbs)
75 mm (2.9 inch)	7 kg (15.4 lbs)	14 kg (31 lbs)
90 mm (3.5 inch)	10 kg (22 lbs)	20 kg (44 lbs)
120 mm (4.7 inch)	15 kg (33 lbs)	30 kg (66 lbs)

Application/Dilutions

Lusin® Clean G 295 C is suitable for color or material change as well as for removal of black points contamination and carbon residues from screws, cylinders, nozzles and hot runners. The concentrate blend is very efficient as it quickly removes contamination, resulting in faster return to defect free production.

Specifically developed for use and blending with polyethylene or polypropylene, for purging and cleaning of olefin-contaminated screws, barrels and hot runner systems.

We recommend the following cleaning procedure:

1. Prepare a mixture of 1 part concentrate (Lusin® Clean G 295 C) to 2 parts in-house resin (neutral PE or PP). See dosing table for approximate quantities.
2. Empty the cylinder
3. Fill the hopper with the mixture. See note (a) below.
4. Fill the cylinder with the plasticized mixture. Stop the screw for 3 - 5 minutes to allow for optimum cleaning.
5. After the 3 - 5 minute dwell, begin to expel the purge mixture. Color should change from the original color to a much lighter color (white /off-white). See note (b)
6. Refill the cylinder, apply release agent (Lusin® Alro O 201F) onto the mold and begin producing caps /closures out of the concentrate blend.
7. In case of very resistant contamination, stop the process for 3 minutes to allow mixture to clean hot-runner/manifold. Repeat as necessary.
8. Restart production, continue until purge mixture is consumed or until the quality of the produced pieces are acceptable.

Note:

a) If the next production material to be processed has a different operating temperature than the previous production material, temperature adjustments can be made prior to step 4 above.

b) If after the fourth shot you are still seeing contamination coming out, repeat steps 4 and 5 until the contamination is removed.

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 G 295 C is available in 25-kg bags.

Further Information

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

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