

Mouldpro MC 200 Purging Compound

MC200 is a cleaning compound, “ready-to-use”, especially studied to clean barrel, screw, nozzle and hot runners from carbon residuals, deposits, incrustations in changing colour and material.

TEMPERATURE RANGE: **MC200** cleans from 120°C up to 320°C. It works efficiently with all thermoplastic within the indicated range temperature.

MC200 is odorless, non-toxic; it doesn't contain solvents and it isn't abrasive.

All components of **MC200** are qualified as Generally Recognized as Safe (GRAS) by FDA.

MC200 is environmentally safe.

HOW TO USE **MC200**:

1. Find out the capacity* of the barrel of your machine from the throat to the nozzle in Kgs.

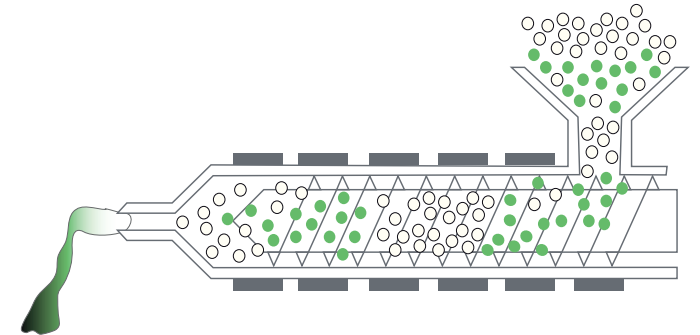
* Injection Capacity - If the total volume (weight) of the barrel of the injection molding machine could be molded into a part, it would be defined as the injection capacity.

2. Once found out this capacity, take this amount of **MC200** and the same amount of virgin resin (e.g.: if the capacity is 1 Kg, prepare 1 Kg of **MC200** and 1 Kg of virgin resin such as HDPE).
3. Split the amount calculated into 2 equal amounts and do the same with the virgin resin chosen for the cleaning.
4. Eject the prior polymer completely.
5. Increase of 10°-20° C the temperature of screw and nozzle.
6. Feed the barrel starting with virgin resin, followed by **MC200**. Use ½ of the prepared **MC200** and add immediately virgin resin*. Purge out the material as fast as possible, without any soaking time.

7. Repeat step 6 for 2-3 times until the purging with virgin resin is totally cleaned (it depends by the contamination of your machine).

NOTE: the last step must be done with virgin resin or the following material, adjusting the temperature for the following polymer and start with the next production.

- **MC200**
- virgin resin



HOW TO CLEAN HOT RUNNERS (after cleaning barrel, screw and nozzle):

1. Increase the temperature of the hot runners as much as allowed by the material inside.
2. With open mould, load and purge with virgin material.
3. Purge with ½ of the prepared blend. Immediately add virgin resin*: purge out the material as fast as possible.
4. Repeat step 3 until the purging with virgin resin is totally cleaned.
5. Begin new production.

*** It is very important to add the resin immediately after the blend in order to maintain an adequate back pressure.**

- **MC200**
- virgin resin

