

ScrewClean® SR-320

Description:

ScrewClean® SR-320 is a purging compound indented for the use in injection machines and extruders. This compound is based on styrol-acrylonitrile (SAN), a polar plastic. The cleaning effect is obtained through selected special additives. ScrewClean® SR-320 remains thermally stable and therefore suitable for application temperatures between 160 and 300°C.

Please note, that temperatures exceeding 300°C require the use of appropriate respiratory protection and a suitable filter (see MSDS.)

Application Fields:

ScrewClean® SR-320 is suitable for cleaning nozzles, screw-extruders and cylinders in injection moulding machines and extruders. ScrewClean® SR-320 can be used in hot runner-systems and is especially suited for applications in machines with external heating. Due to its polarity ScrewClean® SR-320 is usually in use with polar compounds such as PA, ABS, PMMA, PVC, PET,...

Application:

ScrewClean® SR-320 cleans nozzles, screw-extruders and cylinders from residues and incrustations at process temperatures. After the cleaning cycle the screw can easily be disassembled. Having accomplished a correct cleaning cycle with ScrewClean® SR-320, the usual level of rejects due to changes in color are minimized. We recommend the following procedure:

- 1) Eject compound 1 as far as possible
- 2) Fill feed hopper with the needed quantity of ScrewClean® SR-320 (see dosage chart)
- 3) Set the cleaning temperature according to the process temperature of cleaning compound SR-320 (160 - 300°C)
- 4) Induct the cleaning compound (SR-320) through the injection cylinder. Allow the compound to rest in the injection cylinder for approx 5-10 minutes in case of heavy deposits.
- 5) Eject ScrewClean® SR-320 as far as possible.
- 6) Fill compound 2 into the feed hopper. Set up the new process parameters, eject final residues of ScrewClean® SR-320. Start production procedure.

In case of excessive staining it may be necessary to repeat the cleaning cycle.

Dosage chart for Cleaning Compound SR-320:

Screw diameter (mm) :	dosage of ScrewClean® SR-320 (kg) :
30	0.4
40	0.8
60	1.4
80	2.5
100	5.0
120	9.5
140	15.0

Information for regulations on safety and transportation are provided in the safety data sheet

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

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