



MOL CLEAN

Increased pelletizing line availability through advanced process water management



Your systems supplier for all pellet shapes

MOL CLEAN

Safe, efficient prevention of bacteria and biofilms in process water

Through the use of MOL CLEAN, microbiological growth in the process water of pelletizing lines, especially for PET and PA production, can be efficiently and safely prevented, without harm to the environment. This new water treatment process increases availability of pelletizing line, thus reducing production costs. By improving not only the quality but also the constancy of process water, MOL CLEAN also helps to ensure uniformly high pellet quality.

In contrast to conventional chemical and often toxic liquid biocide additives, the MOL CLEAN process uses a solid catalyst together with a safe, non-toxic treatment solution to eliminate bacteria and biological films in process water. Through the use of a stabilizer additive solution, deposits of cutting residues can also be significantly reduced, helping to avoid process water blockages in overflow and cutting head apertures as well as in spray nozzles, thus preventing strand fusing and pellet agglomerating. Furthermore, components of the process water management system such as heat exchangers no longer require extensive cleaning.

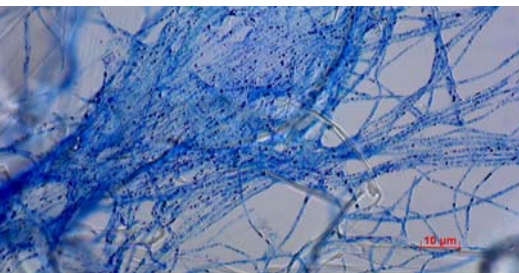
MOL CLEAN meets the strict requirements of the EU Biocide Directive, ensuring that it is not harmful to people, to materials or to the environment. There are no residues in the finished PET or PA pellets, as proven by tests. The process can be directly integrated into new pelletizing lines as well as retrofitted into existing process water systems.

SCOPE OF DELIVERY

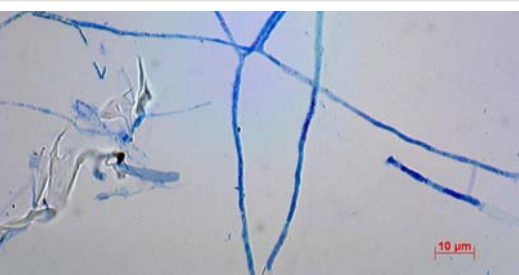
- Solid catalyst unit for installation in an existing process water collection tank
- Dosing station
- MOL aktiv LM35 treatment solution, approved for use in food and pharmaceutical industry
- Stabilizer additive solution

YOUR BENEFITS

- Highly cost-effective removal and prevention of deposits and biofilms in process water
- Production cost savings through significantly higher pelletizing line availability – reduces downtime!
- Environmentally friendly to people, materials and nature



Microscopic photographs of biofilms:
Before using MOL CLEAN ...



... and after treatment with MOL CLEAN:
The significant reduction in microbiological growth is readily apparent.



Solid catalyst unit for installation in a process water collection tank



Dosing station for MOL aktiv LM35 treatment

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