

# Personal Care Filaments



## Antibacterial Filaments



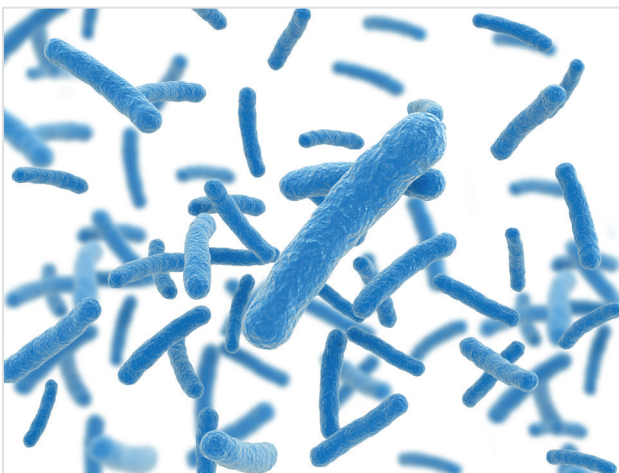
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### Perlon® – The Filament Company

Perlon® – The Filament Company – is an innovative and global group of companies specialising in the production of synthetic filaments. We produce at sites in Germany, Poland, China, India and the USA. We offer an extremely diverse product portfolio for almost every technical application. We are constantly creating new solutions for unique products – Our Engineering. Your success.

### Reliably combats bacterial growth

Perlon® has longstanding experience in the development and production of antibacterial filaments. The filaments, based on the antibacterial CA compound, are all compliant with FDA and EU 10/2011. The antibacterial agent used is cleared as an indirect food additive by FCN-No. 193. The antibacterial agent CA is compliant with the biocide product regulation (EU 528/2012).



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The antibacterial additive works solely on the surface of the filament and will not leach out of the filament. There is also no halo formation (Tests based on GB/T 21510-2008).

Endurance efficiency testing has been successfully carried out (24 months effectiveness control). Depending on the base polymer, the efficacy of the antibacterial CA additive amounts to 98.8 % – 99.9 % vs. Staphylococcus Aureus and Streptococcus Mutans.

Additional filaments with antibacterial and antiviral properties are under development.

This product information has been compiled to the best of our knowledge and with the greatest of care. We cannot, however, assume any liability for the accuracy, integrity or timeliness of its content. The technical parameters and the behaviour of the filament can vary depending on diameter and production technique.