

Textured



Perlon[®] – The Filament Company

Perlon[®] – The Filament Company – is an innovative, global group of companies specialized in the manufacture of synthetic filaments. Perlon[®] generates annual sales of about 135 million euros, employs more than 850 people and has a production capacity of over 20,000 tons. We operate from locations in Germany, in the USA and in China.

Through our technical expertise and strength in innovation we develop premium quality products for our customers. The comprehensive product portfolio is based on a variety of raw materials. In line with the intended application, these are modified and processed into high quality, application-specific filaments. The consistent high quality of our products sets worldwide benchmarks.

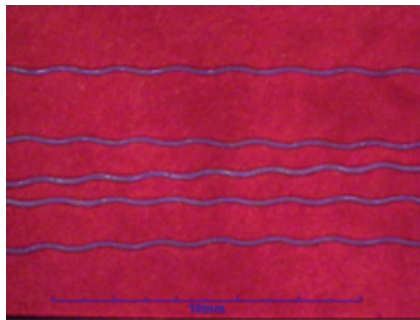
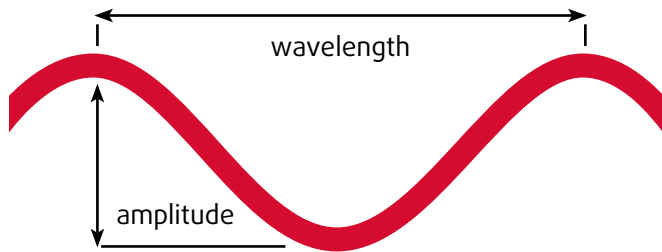
Product description

Perlon[®] has developed and perfected its unique texturing and crimping technology over a number of years. During the production process force is applied to certain parts of the filament creating an equally textured and crimped surface. If you need filaments which have an increased surface and are able to hold more toothpaste in the brush, then this is the Perlon[®] technology you are looking for.

In our current portfolio the following products use this technology:

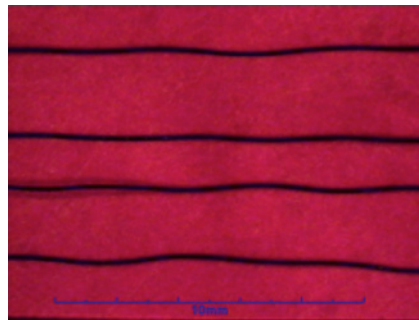
- Textured Filaments, which are embossed and have an increased surface space
- Rubber Structure Filaments, which give you the properties and increased cleaning power of our Rubber Soft Filaments combined with our texturing technology for a greater surface
- Crimped Filaments, which are waved giving you more volume per tuft hole, thus creating a fuller brush. The amplitude of the waves is very consistent allowing an even brush structure.
- 84 Standard colors, other Pantone colors available on request
- Bundle Length: 16 mm – 1200 mm (.629" – 47")
- Diameters: 0.076 mm – 0.229 mm (.003" – .009"), special diameters on request
- Bundle Packaging: Plastic tube, plastic film, paper wrapping

Technical details of Crimped Filaments



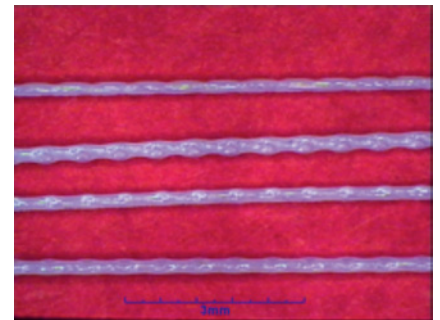
Short Wave Filaments

Amplitude: 0.055 – 0.117 mm
Wavelength: 1.80 – 2.15 mm



Long Wave Filaments

Amplitude: 0.1 – 0.25 mm
Wavelength: 3.5 – 5.5 mm



Textured Filaments

Texturization length: 0.7 mm