

APSOplast® PTFE N100: NSF certified for drinking water

This scenario requires the expertise and dedication of the specialists: If drinking water comes into contact with plastic, the plastic has to be approved for that purpose. APSOplast® PTFE N100 is homologated for contact with drinking water in line with NSF/ANSI 61. This new product is opening up opportunities in the food processing market for Angst+Pfister – most interestingly in the USA.



It was a busy few months – but for France Laffont this was nothing new. As a Sales Application Engineer, she advises Angst+Pfister customers in the south of France and always has her hands full. This time she was having to switch mentally between France, the USA and Switzerland.

Located closely to France Laffont's office in Nice, our customer Unic has been designing, manufacturing and selling quality commercial espresso machines for use in bars and restaurants for decades. The family business with Italian roots, now run by the fourth generation, has always believed in reliability, durability and cutting-edge technology. Unic customers like to say the machines are the Rolls Royce of espresso machines.

Homologation benefits public health

Unic got the ball rolling. The seals and other PTFE components, which the company has been purchasing from Angst+Pfister for years, are certified for the European market in accordance with 2002/72/EC and 1935/2004/EC. But Unic set its sights on the US state of California, where homologation by NSF International is required. The acronym NSF once stood for the US National Sanitation Foundation, an institution that since 1990 has been independent and internationally active in public health and environment certification.

Going for certification together

France Laffont's aim is not only to answer questions and supply products, but to concentrate on the specific requirements of her customers and to find the right solution. "I work closely with Unic," she says, because ultimately it is a matter of growing both businesses, Unics's and Angst+Pfister's. France Laffont brought in her colleague Abderahmane Oubihi, who heads the plastics technology unit for Angst+Pfister in France. Similarly, Angst+Pfister's head office in Zurich was also involved. Together the experts at Angst+Pfister made sure the rolling ball gathered speed. At the instigation of Angst+Pfister, their production partners, who specialise in high-quality finished and semi-finished PTFE products, sent samples of their raw material to the NSF labora-

tories in the US, and a NSF representative travelled to the production partner, to audit the production of the plastic and the plastic components.

Homologation opens up new markets

Certification took just a few months, after which the specific material name came into being: APSOplast® PTFE N100. The composition of the raw material and the geometry of the components produced from it will remain the same as in the past – and this speaks for the high quality of Angst+Pfister. Homologation of production and material in accordance with NSF/ANSI 61 makes all the difference: the PTFE is now certified for contact with drinking water to NSF standards. UNIC can now take on the Californian market, also thanks to Angst+Pfister – and conquer it with their espresso machines. Abderahmane Oubihi also emphasises the considerable advantages to UNIC, and he also sees new opportunities for Angst+Pfister: "There are only a few manufacturers of PTFE that have been homologated by the NSF. With APSOplast® PTFE N100, we are now in a position to offer our customers new technological, geographical and mar-



The plastic components in the Unic coffee makers are now also homologated for contact with drinking water in the USA.

keting opportunities and potential in the drinking water sector, pump manufacturing and food industry. The homologation approval extends right from plastics technology through to seals and fluid technology." APSOplast® PTFE N100 is approved for contact with drinking water in warm and cold sectors up to 180 F.



Thanks to APSOplast® PTFE N100, there are now new sales opportunities for Unic.