



Specialist for plastics –  
French national railway relies on Angst+Pfister

**Plastic components are used in the construction of all modern railway vehicles, but severe stress and wear make it necessary to replace them sooner or later. The French National Railway Corporation (SNCF) therefore enlists the services of an excellently diversified parts supplier: at Angst+Pfister, our everyday business also encompasses special custom-fabricated components.**

#### **Technical application challenge**

Whether for brakes, chassis or carriage interiors, SNCF requires a lot of plastic parts for its flagship TGV VI 50 train. Since the rail cars are subjected to extreme stresses day in and day out, the quality of the selected materials used in constructing them has to meet especially high standards. Strict stability criteria have to be met in order to ensure durability and safety. The spectrum of requirements is wide and diverse. SNCF's parts needs range from a variety of special components for brake cylinders and pneumatic door cylinders to plastic glazing in trains and fastening elements for handholds and WC installations.

#### **Technical solution**

Angst+Pfister supplies the French national railway with a wide array of top-quality finished plastic parts. SNCF has demand for components made of materials with good sliding properties such as fluoroplastics, but also for engineering plastics like POM, PA and PE. Components including PTFE tubes, PUR flat gaskets and O-rings are installed in the pneumatic cylinders used to open doors automatically. UV-blocking PC panels are fitted over a variety of information boards in the carriages, and transparent viewing panes made of a special PC blend are built into switching relay housings. Angst+Pfister supplies the ideal solution for every need, such as PA 6 bearing bushes for WC sinks and APSOplast® POM for the handhold joint parts.

#### **Angst+Pfister product solutions in the area of engineering plastics technology**

Angst+Pfister customers like SNCF profit from the perfect combination of product diversity and service provided in high overall quality. As a cross-seller, we are capable of supplying all kinds of parts for complex component assemblies, all the way to complete sets of O-rings for your every need. We stock plastics from a wide array of different manufacturers, which enables corporate customers to bundle their parts procurement needs and to focus on a single supplier. Our strong research and development expertise additionally makes us capable of supplying customized and highly innovative products. Everything from a single source – that's the unbeatable proposition that Angst+Pfister offers to rev up the railway industry.

APSOplast® is a registered trademark of Angst+Pfister.

#### **Your contact**

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