

faigle

Plastics in

railway engineering

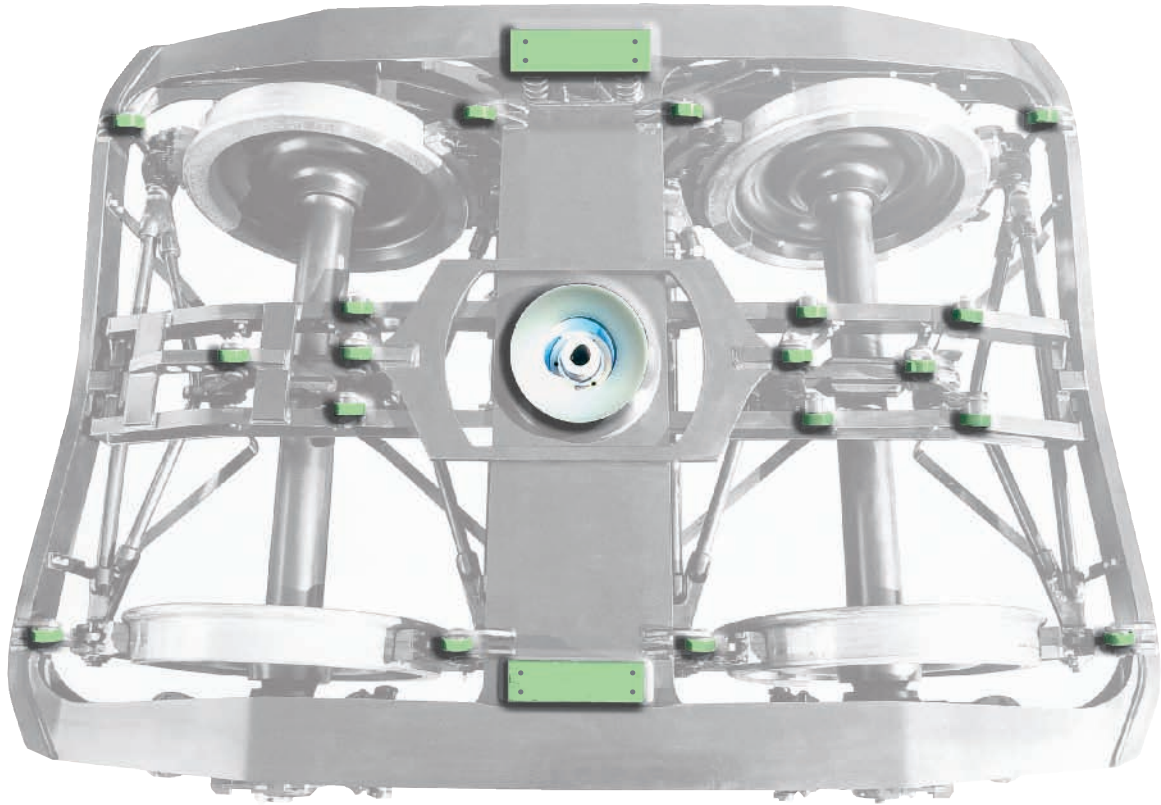
Modern. Future-proof. Innovative.

Going forward.



New-found lightness with tremendous reliability

Whether for locomotives, passenger coaches or goods wagons, low-platform wagons, interior equipment for metro and subway vehicles, trams or track superstructure – technical plastics from *faigle* are used internationally in many different areas of railway engineering – reliably and durably.



An impressive list of advantages



Side bearers made of PAS-80X (green), PAS-80X GK5 (black)

Lightness

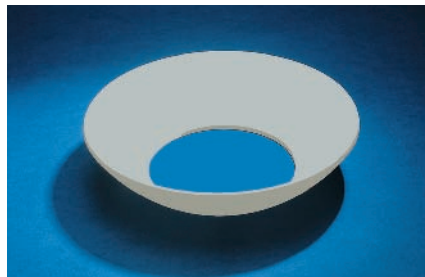
With *faigle* plastics you can achieve weight savings of up to 70 %.

Reliability

Railway operators throughout Europe have come to trust our products.

Durability

Totally maintenance-free, hence minimal servicing costs.



Centre pivot liners made of PAS-60X



Centre pivot liners made of PAS-60X



Brake linkage bushings made of PAS-80 X (green)

Versatility

Suitable even for really tricky applications.

Expertise

50 years of research, development and extensive specialist knowledge we know what we are talking about.

Individuality

Tailor-made solutions are developed in close co-operation with partners and specialists.

The huge number of different options will surprise you

Side bearers for coupling hook guides on goods wagons



Material: PAS-80 MO

Requires no lubrication or maintenance, reduced running noise

Side bearers for passenger coaches



Material: PAS-PTFE + graphite

Low friction coefficient, maintenance-free, highly reliable throughout its entire service life

Bushes for contact bows on electric locomotives



Material: PAS-LX

Requires no lubrication or maintenance, protects all adjacent components

Bearing ring for centre pivot guides on tram cars, subway carriages



Material: PAS-LXY

Very low friction coefficient thanks to the integral dry lubricant, High strength and excellent wear characteristics, Single lubrication on installation – then absolutely maintenance-free

Bushes for points



Material: PAS-LGX, PAS-PEEK

Low maintenance costs through extended service intervals; protection of the bores and pins, environmentally friendly as no additional lubrication is required

Spring washers for tram bogies and subway bogies



Material: PAS-L

High compression strength, many different versions and designs available, versatile applicable

IGOSTRAP® hanging strap system for trams, buses, subway trains etc.



Material: PAS-PU 98 AH FR

High tensile strength, suitable for loads of up to 200 kg, fire safety characteristics compliant with all applicable standards, special colour/design variants available

gripAd® – the advertising message in the hanging strap for trams, buses, subway trains etc.



Material: PAS-PU 98 AH FR

Combining safety with advertising space to offer additional potential revenue from advertising

Partners who place their trust in us

All around Europe, the large railway companies demand outstanding reliability and quality, innovative solutions and practical expertise – in fact, everything you come to expect from the plastic solutions from *faigle*.

Here are some of our key clients:

National rail operators DB – Germany
ÖBB – Austria
SBB – Switzerland
SNCF – France
SNCB – Belgium
SZ – Slovenia
MAV – Hungary
HZ – Croatia
ZJZ – Serbia
Network Rail – UK

Railway industry Siemens Transportation Systems
Bombardier Transportation
Plasser & Theurer
Knorr-Bremse Systeme für Schienenfahrzeuge
VAE Eisenbahnsysteme
ELH Eisenbahnlaufwerke Halle
Gredelj

Bus industry Contrac Cobus Industries



Wolfgang Siegl
Sales & Application Technology



Katharina Breuss
Sales

Now it's up to you!

Please request the detailed documentation for all of our *faigle* railway components or contact us directly. We would be more than happy to discuss your individual requirements with you.

Going forward.

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