

Polystone® MK FL | Polystone® MK FL AST

Railway engineering components



Railway technology and vehicles

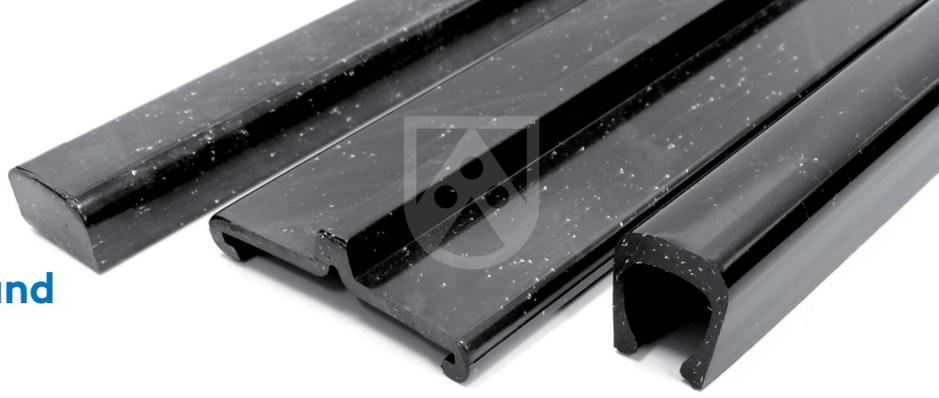
NEW

Material now
certified to
EN 45545-2:2013



Railway

Machined components made of Polystone® MK FL and Polystone® MK FL AST



Rail transport takes people and goods safely and rapidly from A to B. Once on rail, reliable and powerful technology is required. Every designer is faced with the challenge of developing **fast, safe and cost-efficient** rail vehicles. We support you with machined components made of our material **Polystone® MK FL** and the **antistatic variant Polystone® MK FL AST** to your requirements. The flame-retardant PE-UHMW is now certified as compliant with the relevant requirements of the new European rail vehicle standard EN 45545-2:2013.

Machined profiles made of Polystone® MK FL to customer drawings

Machining options

We have specialised in the manufacture of high-quality machined parts and offer virtually unlimited processing options with one-of-a-kind installations and machinery.

This means you get your components:

- up to a size of 6000 x 2500 mm
- with complex geometries and close tolerances
- alongside a high surface quality
- machined to drawings

Properties – Polystone® MK FL

- Low density (1.0 g/cm³) favours lightweight construction
- Excellent slide properties
- High resistance to abrasion
- Antistatic possible upon request – Polystone® MK FL AST

Typical components

Its properties make **Polystone® MK FL** and **Polystone® MK FL AST** particularly suitable for components that have to meet high requirements on slide properties and resistance to abrasion.

Typical components:

- slide elements
- linings
- cable clamps

Flame-retardant according to:

Polystone® MK FL

- EN 45545-2:2013

Polystone® MK FL AST

- EN 45545-2:2013
- ASTM E 662
- ASTM E 1354
- ASTM E 162
- Bombardier SMP 800-C
- Boeing BBS 7239
- ECE-R 118, Annex 6, 7 and 8 : 2015:04



Machined parts made of Polystone® MK FL



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