**Sintered Pads**

**COFREN T30S**

**Description**

Brake pads in sintered material for brakes using steel discs.
Specially designed for high speed trains.

**Physical and tribological characteristics**

- Density: $5.0 \text{ gr/cm}^3 \pm 5\%$
- Hardness: 90 HRR
- Melting temperature: $>1000 ^\circ \text{C}$

**Friction characteristics**

According to fiche UIC 541-3, Test Program Nr. 5 mod TGV23MJ.

**Main applications**

Developed for high-speed market (i.e. French, Spanish, Korean, etc.), the CoFren sintered pads T30S are used on models like TGV, AVE and AGC.

**WORLD RECORD**

In April 2007 the TGV V150, equipped with CoFren sinter pads T30S, beat the worldwide speed record on rail with a new speed of 574.8 km/h under test conditions with a shortened train.
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