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TECHNICAL SPECIFICATIONS - BRAKE PADS ACCOSSATO

Brake pads "OR" compound

Description

Brake pads composed of organic compounds, primarily mixing organic resins, aramid fibers, graphite, and metallic powders.

Primary Applications

The material is used to manufacture brake pads for motorcycles, automatic clutches, and industrial applications.

Physical Characteristics

- Friction Coefficient:

Average: 0.41

Minimum: 0.36

Maximum: 0.46 (Ranzi Test according to European Regulation)

- Density:

(20°C): 2.60 g/cm³ (+0.10 / -0.05)

- Hardness:

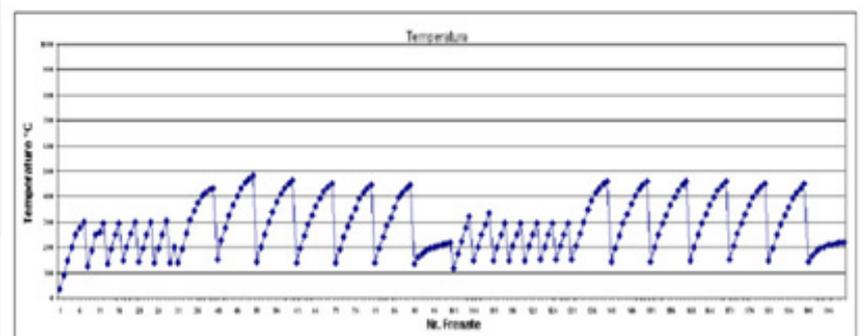
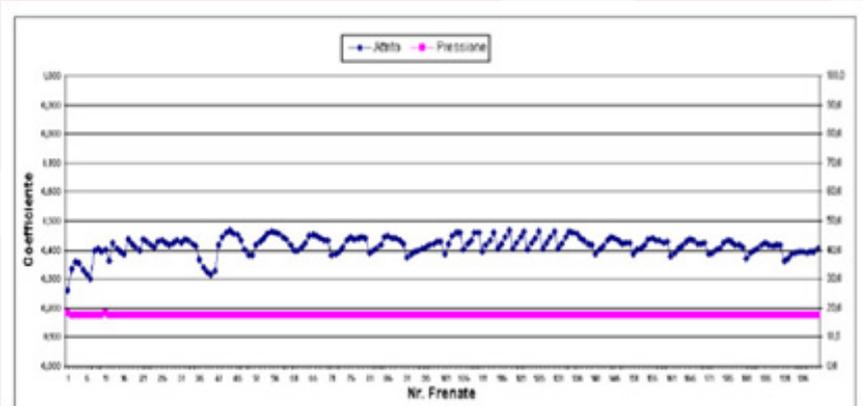
100 HRR (+/- 10 HRR) – (Rockwell HRR Scale)

- Temperature Resistance (250°C - 400°C):

Working Temperature / Maximum Peak Temperature (Refer to attached chart)

- Minimum Shear Strength

20 kg/cm²





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Brake pads "ST" compound

Description

Friction material obtained from the sintering process of copper, containing primarily copper, abrasives, and carbon.

Primary Applications

The ST material is mainly used for motorcycle brake pads, particularly for motorcycles with a high power-to-weight ratio.

Physical Characteristics

- Friction Coefficient:

Maximum: 0.52

Average: 0.46

Minimum: 0.48 (Dyno tests with JASO standard)

- Density (20°C):

4.50 g/cm³ (+0.10 / -0.05)

- Hardness: 90 HRR (+/- 10 HRR) – (Rockwell HRR Scale)

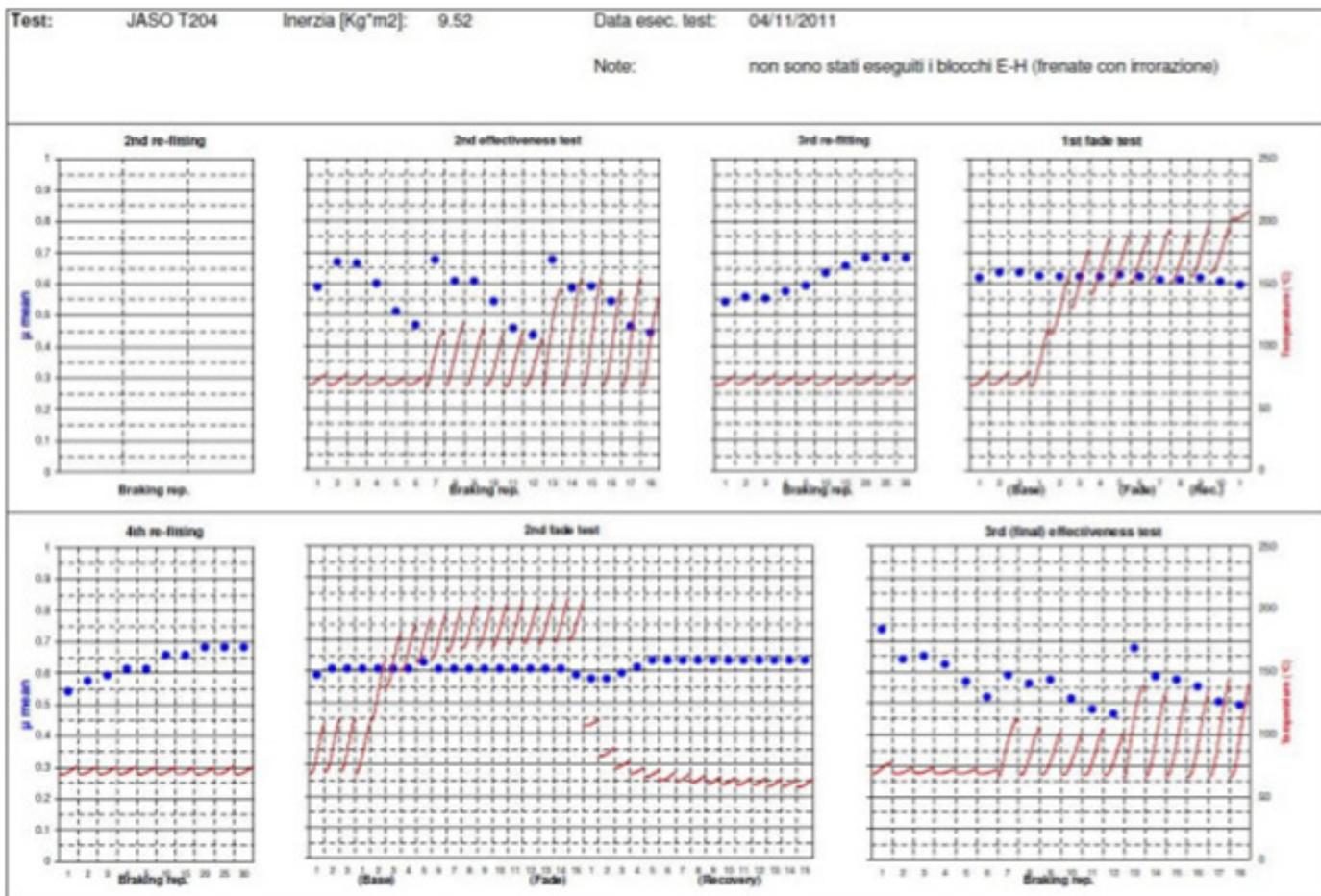
- Temperature Resistance (450°C - 600°C):

Working Temperature / Maximum Peak Temperature (Refer to attached chart)

Minimum Shear Strength: 30 kg/cm²



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Brake pads "ZXC" compound

Description

Friction material principally composed by ceramic compound.

Principal uses

The ZXC compound provide a mechanical strength and a friction coefficient higher than the normal brake pads, with a braking power suitable to the performance of motorcycles with high relationship weight/power.

This pad is recommended for racing purpose only.

Physical features

- Friction coefficient

Maximum 0.84 (JASO regulation)

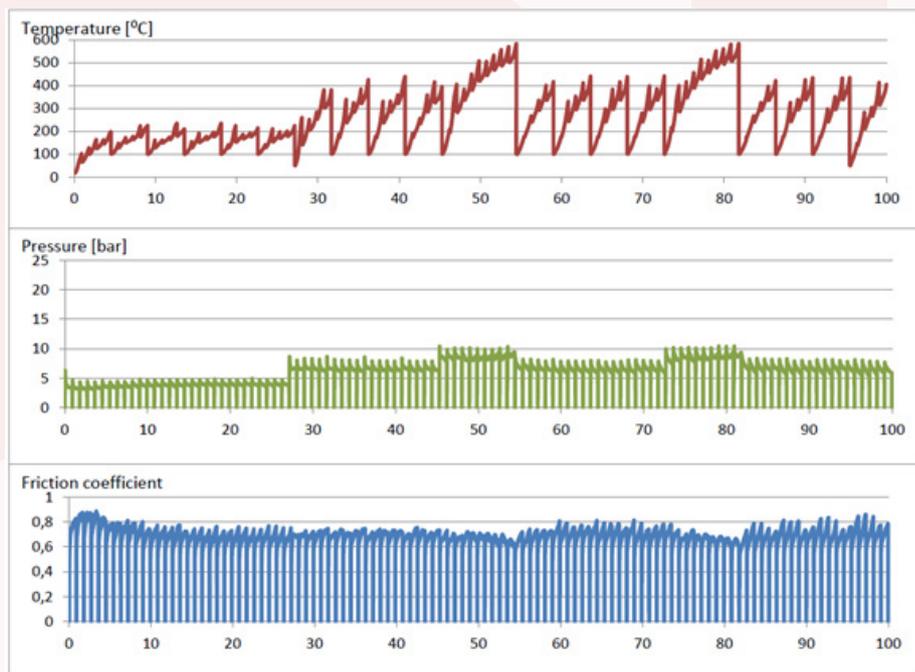
Average 0.78

Minimum 0.60

- Density (at 20°)

3,66 g/cm³ (+0.10 / -0.05)

- Heat resistance 450° (Work temperature) - 600° (Maximum work temperature) (see the attached graphic)





TM

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Brake pads "STMX" compound

Description

Friction material obtained by copper sintering, in which there are mainly copper, abrasives, carbon.

Principal uses

The STMX compound was created to be resistant to medium temperatures and specifically designed for off-road, essentially worked out for the cross and enduro world.

Physical features

- Friction coefficient

Maximum 0.72 (JASO regulation)

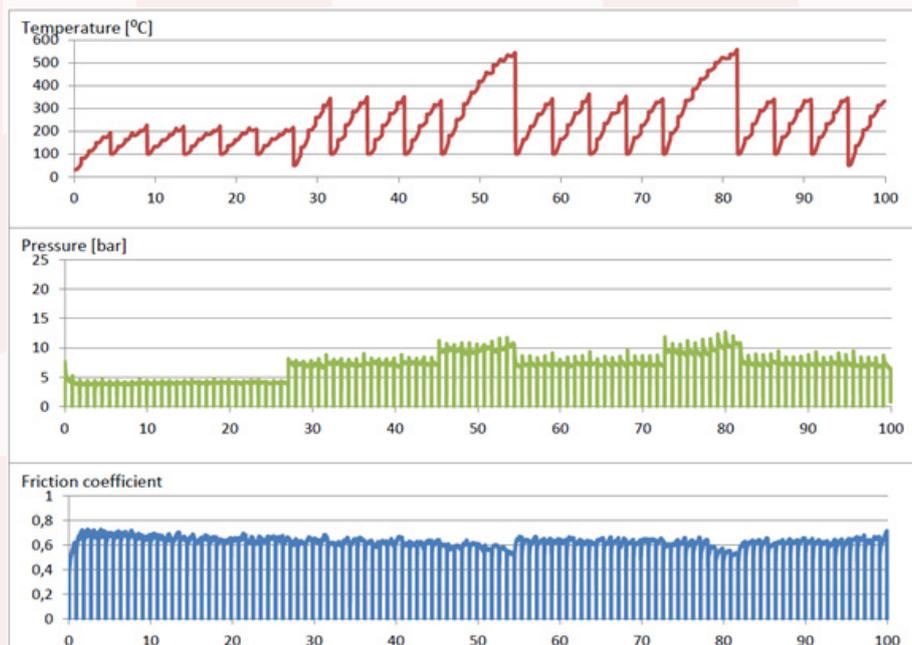
Average 0.65

Minimum 0.58

- Density (at 20°)

4,50 g/cm³ (+0.10 / -0.05)

- Heat resistance 450° (Work temperature) - 600° (Maximum work temperature)
(see the attached graphic)

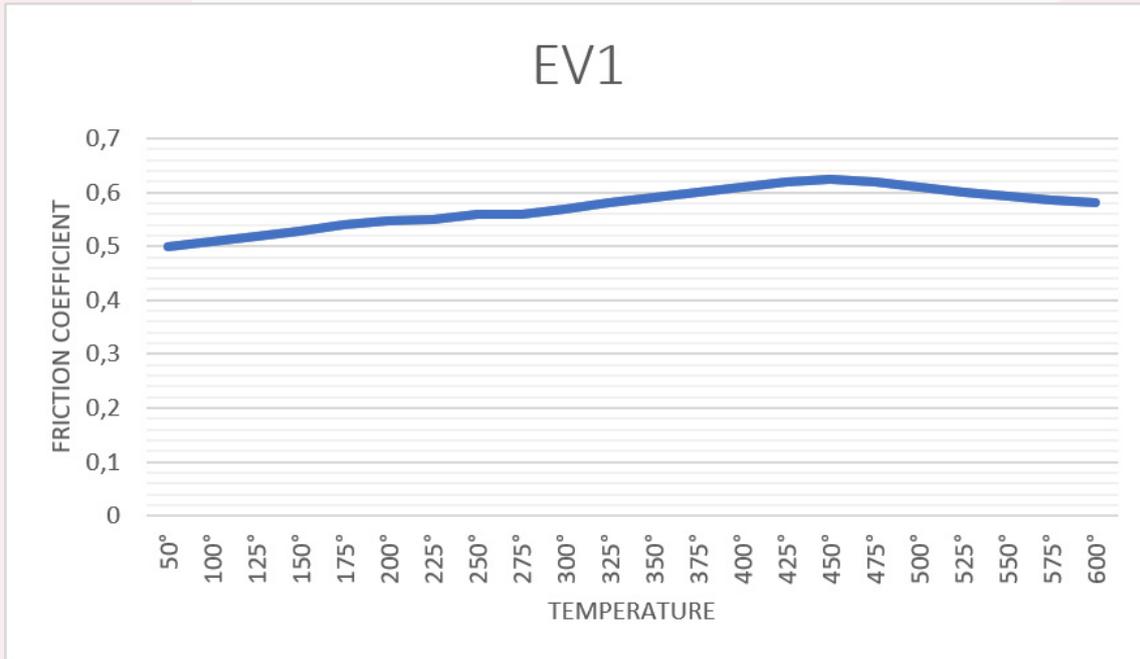




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Brake pads "EV1" compound



Brake pads "EV2" compound

