



> material: **SACF** friction material

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Description

SACF is general purpose moulded friction material suitable for light medium duty, wet and dry industrial applications.

Applications

Various industrial applications.

Adhesives

The use of any well known thermosetting adhesive is recommended.

Rubbing surfaces

Good quality, fine grained pearlitic cast iron with Brinell hardness of 150-200 is recommended.

Physical properties

| | |
|---------------------------|-----------|
| Density g/cm ³ | 1,80±0,05 |
| Hardness (SHORE-D) | 84-90 |
| Acetone extraction | < 2% |
| Ignition loss | 40-44% |

Friction properties

| | |
|--|------------------------|
| Friction coefficient (dynamic)μ (See graph) | 0,45±0,05 |
| Wear rate (@ 50N, 7m/s) F.A.S.T | 86mm ³ /Kwh |
| F.A.S.T. test conditions (max temperature) F=79N v=7m/s t=90min | <250 °C |
| F=100N v=11m/s t=50min | <320°C |
| Recommended operating temperatures (max): Continuous operation | 250 °C |
| Intermittent operation | 350 °C |

μ (friction coefficient) vs temperature @79N/7m/s

