



> material: **G-95**

Friction material

> DOC: 020  
> REVISION: 8

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## Description

Is the formulation standard of Frenos Sauleda, designed principally for most automotive clutch applications (passengers vehicles, etc). Under normal operating conditions, G-95 will offer a reliable, hard wearing, yet economic material.

The glass fibre reinforcement yard is spiral wound with a fine copper core-producing a strong base with good heat transfer properties.

## Applications

- Is suitable for replacement clutch facings-these facings having high resistance to burst and providing smooth engagement.
- Also for brake blocks for stamped presses.

## Adhesives

The use of any well known thermosetting Adhesive is recommended.

## Rubbing surfaces

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

## Physical properties

- Density g/cm<sup>3</sup> 1.80 - 1.90
- Hardness (SHORE-D) 70-80
- Acetone extraction < 1.5%
- Ignition loss 38-44%

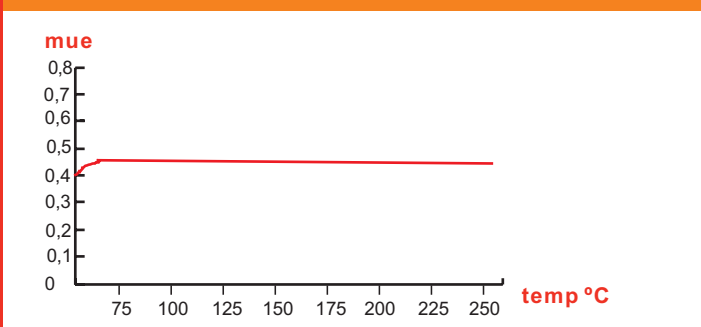
## Mechanical properties

- Burst resistance > 10.500 rpm  
(200X137X 3,5)@200°C

## Friction properties

- Friction coefficient (dynamic) (See graph) 0.45±0.05
- Wear rate (@ 79N, 7m/s, 300°C) F.A.S.T 50-80mm<sup>3</sup>
- Recommended operating temperatures (max):
  - Continuous operation 250 °C
  - Intermittent operation 350 °C
  - Initial Fading temperature 253 °C

► mue vs temperature (F.A.S.T constant clamping) @ 79N & 7m/s



► Mue vs temperature (F.A.S.T constant friction) @100N & 11m/s

