



ID MATERIAL: 1
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REVISION: 5
DATE: 23/05/2014

FRICTION MATERIAL:

G95

> DESCRIPTION

Frenos Sauleda clutch facings are suitable for automobiles and trucks. G95 is a medium high friction material with stable performance, low rate of wear and guarantees a long life performance.

The G95 is our standard formulation at Frenos Sauleda and is principally intended for automotive clutch applications. Under normal operating conditions, G95 is a very reliable, hard wearing and economic material. The glass fiber reinforcement yarn is spiral woven with a fine copper core to produce a strong material with good heat transfer characteristics. G95 facings combines high resistance of bursting with smooth behaviour.

> MATERIAL TABLE

> FRICTION PROPERTIES	Value	Unit
Dynamic Friction Coefficient (@79N, 7m/s)	0.45±0.05	μ
Wear Rate (@79N, 7m/s)	70±10	mm ³ /kwh
T ^o Fading (@100N, 11.5m/s)	260±10	°C
> PHYSICAL PROPERTIES		
Hardness (DIN53505)	85±5	Shore-D
Specific Gravity (ASTM D792-91)	1.85±0.05	gr/cm ³
Ignition Loss (ASTM D-2524)	40±2	%
> MECHANICAL PROPERTIES		
Compressive Strength (UNE 53205)	120±10	N/mm ²
Burst Resistant (200 x 137 x 3,5)@200 °C	8500±100	RPM
> RECOMMENDED WORKING VALUES		
T ^o Max. Continuous Operation	250	°C
T ^o Max. Intermittent Operation	350	°C

MATERIAL TYPE Woven yarn friction material

APPEARANCE



FORMATS



APPLICATIONS

- Vehicle clutches
- Truck clutches
- Industrial clutches

RECOMMENDED MATING SURFACE

Perlit cast iron, hardness HB150-200

OIL RESISTANT

Yes

RECOMMENDED ADHESIVE

Thermosetting adhesive

PRICE LEVEL

€ € €

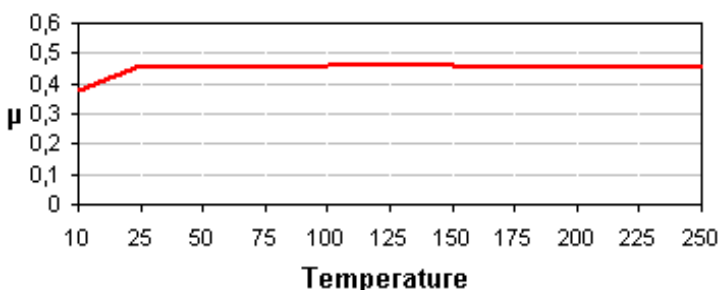
REACH (EC)1907/2006

Compliance

RoHS 2011/65/EU

Compliance

Friction coefficient (μ) vs Temperature (°C) @80psi 7m/s



> LEGEND



Discs



Sheets



Finished Parts



Bonded



Grooved



Drilled