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ID Material: 1 Rble: R. Antich Revision: 5 Date: 17/03/2017

G95

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. 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.

Material data

0.2

n

50

100

150

200

250

Temperature [°C]

Friction propieties (according graphics)		
Static Friction Coefficient (15bar, from box):	0.55±0.05	μ
Static Friction Coefficient (15bar, 100ºC):	0.60±0.05	μ
Dynamic Friction Coefficient (10bar, 10m/s):	0.55±0.05	μ
Wear Rate (10bar, 15m/s):	70±10	mm³/Kwh
Tº Fading (10bar, 10m/s):	300±10	°C
Physical properties		
Hardness (DIN53505):	85±5	Shore-D
Specific Gravity (ASTM D792-91):	1.87±0.05	gr/cm3
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° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

Material type : Woven yarn

Appearance / Formats



Applications

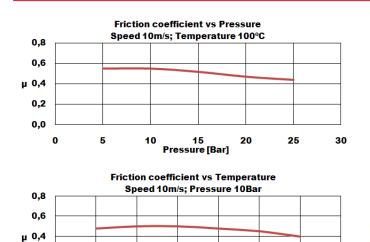
Industrial clutches - Trucks clutches - Vehicles clutches -

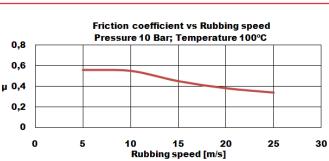
Price Level : $\in \in \in \in$

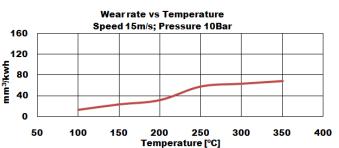
Reach (EC)1907/2006 - RoHS 2011/65/EU : Compliance

Others

Recommended Mating Surface:	Perlitic cast iron, hardness HB150-200
Recommended Adhesives:	Thermosetting adhesive
Oil Resistant:	Yes







Rubbing speed, temperature and pressure are related. Changing any values will change other. The values shown represent typical conditions, but are not ultimate limits of the material

350

400

300