

ID Material: 4 Rble: R. Antich Revision: 6 Last updated: 28/05/2024 Barri del migdia S/N - E 08396 Sant Cebrià de Vallalta (Barcelona - Spain) sauleda@frenossauleda.com Tel. (+ 34) 93 763 11 20 Fax (+ 34) 93 763 10 61

SA92

SA92 is our most regular quality which is suitable for light and medium duty applications. It's a rigid material, with low wear and a very stable friction performance. It's a phenolic resin based material, mixed with NBR powders to get perfect linkage, and it also has short fibers and other friction modifiers / fillers. SA92 is fully cured and suitable for bonding and riveting.

Material data

Recommended Working Values T° Max. Continuous Operation:

T° Max. Intermittent Operation:

0.48±0.05	μ
0.53±0.05	μ
see charts	
see charts	
>350	°C
85±5	Shore-D
1.83±0.05	gr/cm3
22±2	N/mm ²
13±5	N/mm ²
150±5	N/mm ²
1534±100	N/mm ²
0.27±0.03	
3896±100	N/mm ²
	0.48±0.05 0.53±0.05 see charts >350 85±5 1.83±0.05 22±2 13±5 150±5 1534±100 0.27±0.03 3896±100

Material type : Rigid material

Appearance / Formats



Applications

Agricultural and bulding machinery - Callipers for industrial applications -Cones segments for machinery - Friction washers - Gear discs for industrial devices - Industrial clutches - Rings segments for machinery

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

Reach (EC)1907/2023 - RoHS 2015/863/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.

250

350

°C

°C