

ID Material: c9
Rble: R. Antich
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SMR

The brake band SMR is a rubber based material, characterised by high flexibility and solidity. The material contains steel fibres. It is especially suitable for glue fixing and allows machining.

SMR is dark-grey, and its resistance to wear is excellent.

Material data

Friction properties (according graphics)

Dynamic Friction Coefficient:	see charts
Wear Rate:	see charts

Physical properties

Hardness (DIN53505):	65±5	Shore-D
Specific Gravity (ASTM D792):	2.3±0.5	gr/cm3

Mechanical properties

Recommended Working Values

T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C
Max. pressure:	15	Bar
Max. Rubbing Speed:	15	m/s

Material type : Flexible material

Appearance / Formats



Rolls

Applications

Agricultural and bulding machinery - Drum Brakes - Micellaneous industrial brakes / clutches

Price Level : € € €

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

Others

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

