

RCI 21

The RCI 21 material is rigid printed, light green in color, without asbestos. Made of steel filaments in random dispersion, to increase the properties of heat dissipation and resistance. It incorporates a carefully selected blend of friction modifiers, and a binder that has been specifically created to improve its properties.

Dati Tecnici / Technical Data

Friction properties (according graphics)

Static Friction Coefficient (15bar, from box):	0.35±0,5	μ
Static Friction Coefficient (15bar, 100°C):	0.42±0.05	μ
Dynamic Friction Coefficient (10bar, 10m/s):	0.42±0.05	μ

Physical properties

Hardness (DIN53505):	75	Shore-D
Specific Gravity (ASTM D792-91):	2,3±0.05	gr/cm3

Mecanical Properties

Tensile Strenght (ASTM D638) MPa	15 MN/m2
Resistencia a flexión (ASTM D790)	FLEXIBLE
Compressive Strenght (at break)	MPa 180

Recommended Working Values

T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	300	°C
Recommended Mating Surface:	Perlitic cast iron, hardness HB150-200	
Recommended Adhesives:	Thermosetting adhesive	

