

MI 00 201

MI 00 201 is developed for industrial application, it is a rigid and molded friction material. The most known characteristics of this material are its hardness and mechanical strength. Composition: The material consists of phenolic resins, short fibers, metal particles and fillers.

Dati Tecnici / Technical Data

Friction properties (according graphics)

Static Friction Coefficient (15bar, from box):	0.50±0.05	μ
Static Friction Coefficient (15bar, 100°C):	0.52±0.05	μ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
T° Fading:	>350	°C

Physical properties

Hardness (DIN53505):	87±5	Shore-D
Specific Gravity (ASTM D792):	1.85±0.05	gr/cm ³

Mechanical properties

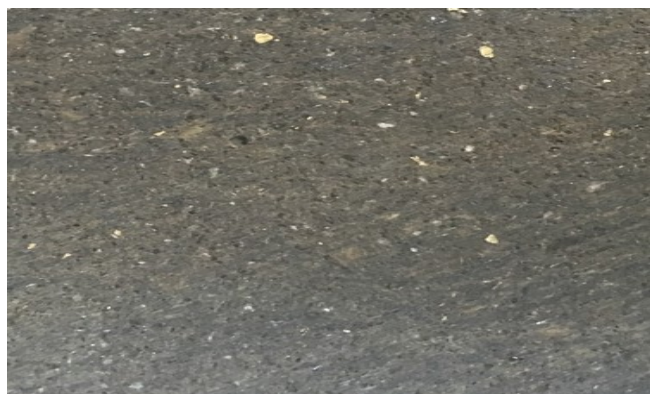
Tensile Strength (ASTM D638):	15.2±2	N/mm ²
Compressive Strength (ISO 844:2014):	160±5	N/mm ²
Poisson Coefficient (ASTM D638):	0.25±0.03	
Young Modulus (ASTM D638):	5200±100	N/mm ²

Recommended Working Values

T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

Others

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



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

