

MI 00 601

MI 00 601 is molded Friction Material with a medium high friction coefficient reinforced with metal components. MI 00 601 it's really silent during the used. Composition: The material consist phenolic resins, short fibres, metal particles and filler.

Dati Tecnici / Technical Data

Friction proprieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.55±0.05	μ
Static Friction Coefficient (15bar, 100°C):	0.60±0.05	μ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
T° Fading:	>340	°C

Physical properties

Hardness (DIN53505):	78±5	Shore-D
Specific Gravity (ASTM D792):	1.80±0.05	gr/cm3
Ignition Loss (ASTM D7348):	43±2	%

Mechanical properties

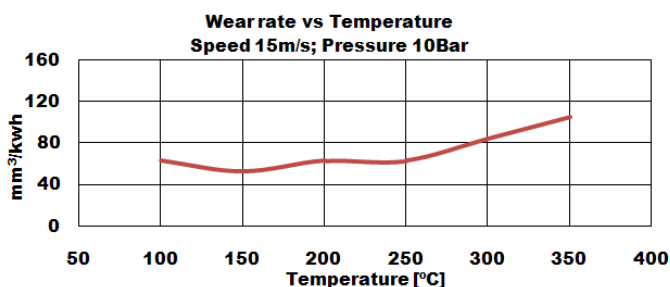
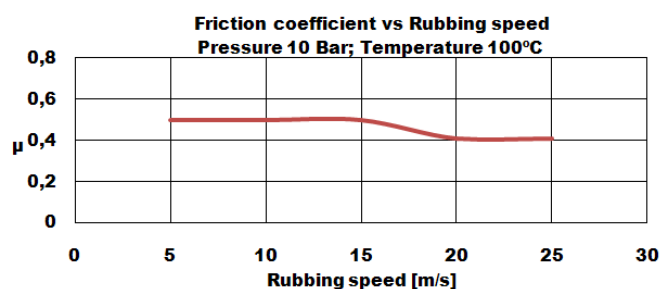
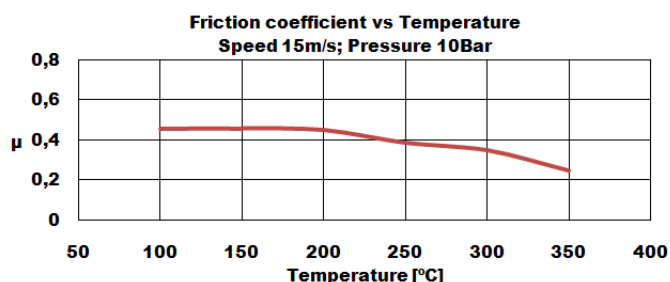
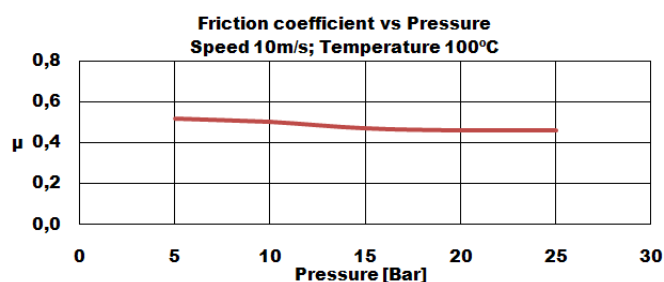
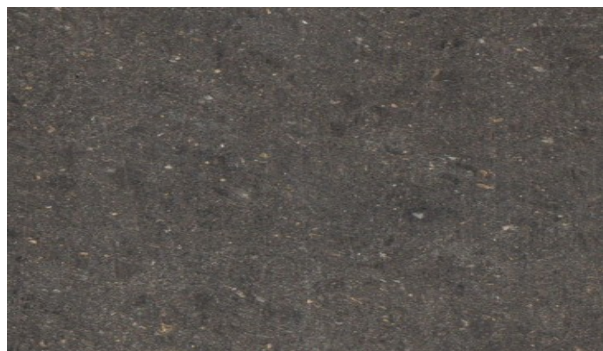
Tensile Strength (ASTM D638):	10±2	N/mm ²
Compressive Strength (ISO 844:2014):	100±5	N/mm ²
Poisson Coefficient (ASTM D638):	0.18±0.03	
Young Modulus (ASTM D638):	2500±100	N/mm ²

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 other. The values shown represent typical conditions, but are not ultimate limits of the material.