MI 00 603

Il Materiale MI 00 603 è un materiale di attrito nero, rigido, con base grafitica con un medio coefficiente di attrito. Ha una bassa usura e risulta molto silenzioso durante l'utilizzo. Il Materiale consiste in resine fenoliche, fibre corte e modificatori

MI 00 603 is black rigid friction material based on graphite with a medium low friction coefficent, offer low wear and silent operation. The metarial cosists phenolic resisns as bonding system, shor fibers, friction lubrificants and fillers.

Dati Tecnici / *Technical Data*

Friction propieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.35±0.05	μ
Static Friction Coefficient (15bar, 100ºC):	0.42±0.05	μ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
Tº Fading:	>350	°C

Physical properties

Hardness (DIN53505):	75±5	Shore-D
Specific Gravity (ASTM D792):	1.8±0.05	gr/cm3
Ignition Loss (ASTM D7348):	36±2	%
Acetone Extraction (ASTM D494):	1.85±0.2	%

Mechanical properties

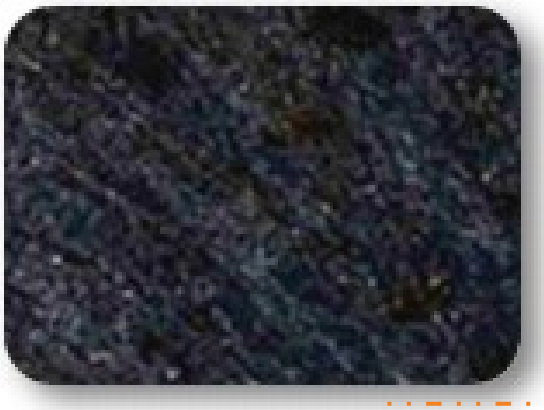
Tensile Strength (ASTM D638):	16±5	N/mm^2
Compressive Strength (ISO 844:2014):	83±5	N/mm^2
Young Modulus (ASTM D638):	3500±100	N/mm^2

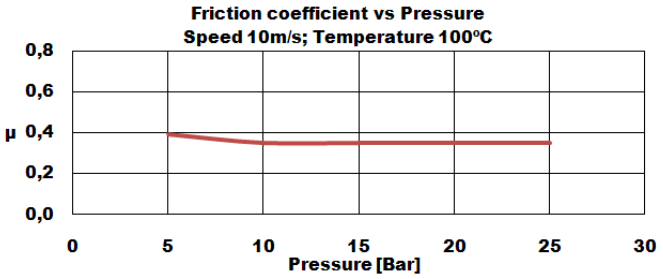
Recommended Working Values

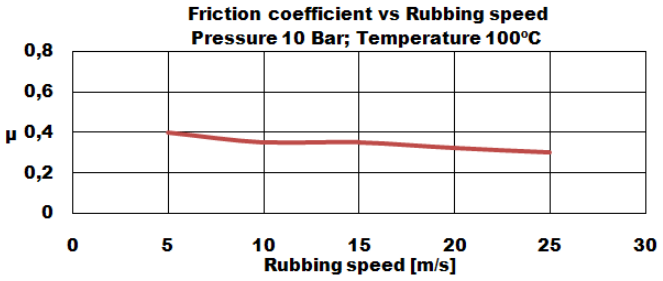
T° Max. Continuous Operation:	300	°C
T° Max. Intermittent Operation:	350	°C

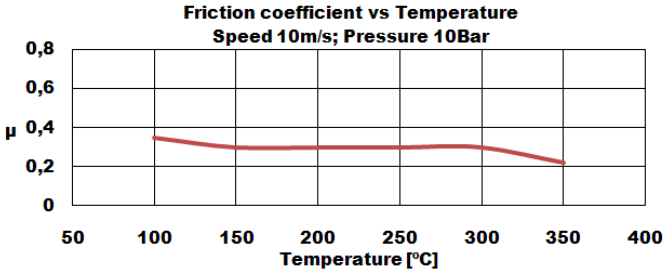
Others

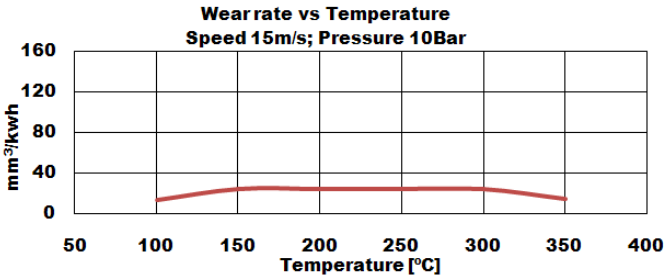
Recommended Mating Surface:	Perlitic cast iron, hardness HB150-200
Recommended Adhesives:	Thermosetting adhesive











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.

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