



MI 00 605

Il Materiale MI 00 605 è un materiale di attrito stampato rigido con un alto coefficiente di attrito. E' rinforzato con fibre di vetro ed ha un ottima resistenza meccanica. Il materiale consiste in resina fenolica legata con resine e agenti modificanti.

MI 00 605 is a rigid molded friction materiale, which offres a very high friction coefficient. This material is reinforced with glass fibers and has a good mechanical resistance. The material consists phenolic resins with a bonding system, and fillers.

Dati Tecnici / Technical Data

Friction propieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.55±0.05	μ
Static Friction Coefficient (15bar, 100°C):	0.55±0.05	μ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
T° Fading:	>350	°C

Physical properties

Hardness (DIN53505):	88±5	Shore-D
Specific Gravity (ASTM D792):	1.8±0.05	gr/cm3
Ignition Loss (ASTM D7348):	40±2	%
Acetone Extraction (ASTM D494):	0.15±0.02	%

Mechanical properties

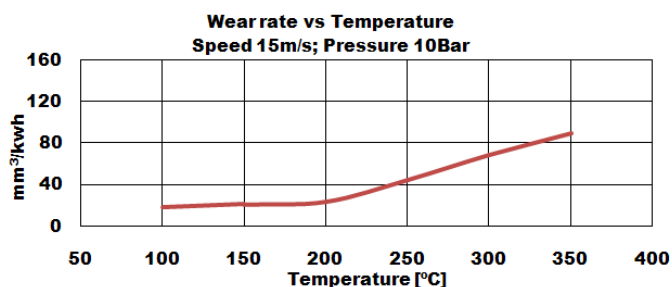
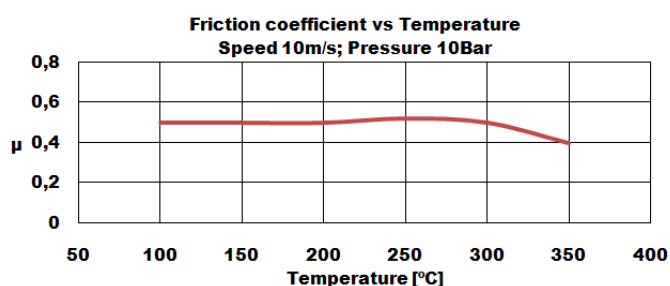
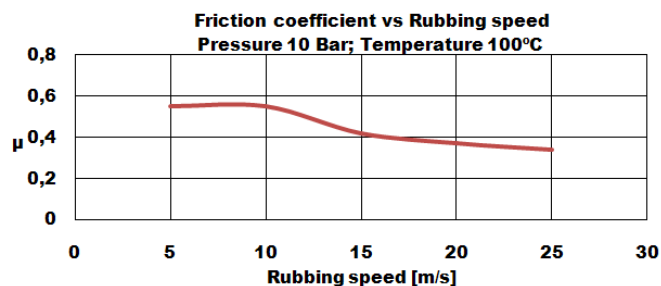
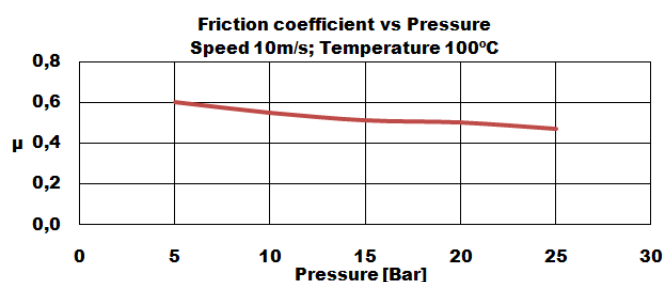
Tensile Strength (ASTM D638):	15±5	N/mm ²
Compressive Strength (ISO 844:2014):	175±5	N/mm ²

Recommended Working Values

T° Max. Continuous Operation:	300	°C
T° Max. Intermittent Operation:	400	°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.