

MI 00 302

MI 00 302 is a soft-flexible friction material that performs with a high friction coefficient. Its flexibility allows it to work noiseless while producing a minimum wear on working surfaces.

Dati Tecnici / Technical Data

Friction properties (according graphics)

Static Friction Coefficient (15bar, from box):	0.65±0.05	μ
Static Friction Coefficient (15bar, 100°C):	0.50±0.05	μ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
T° Fading:	>350	°C

Physical properties

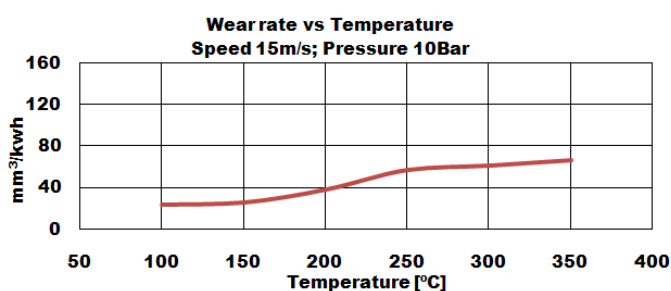
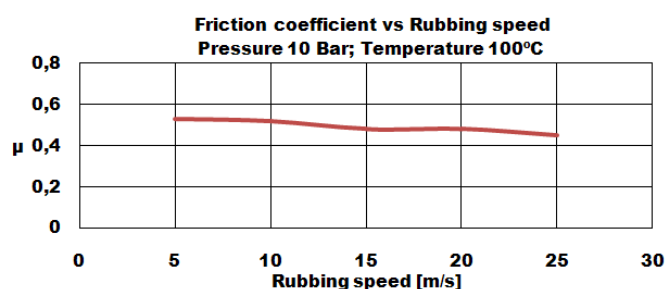
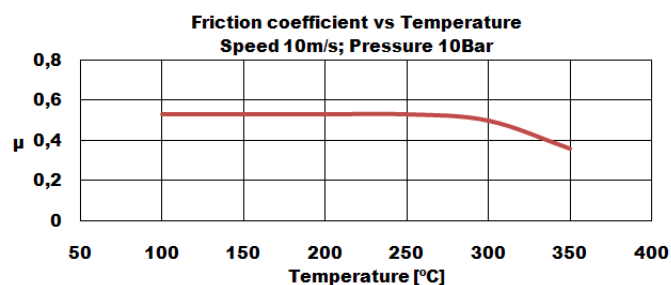
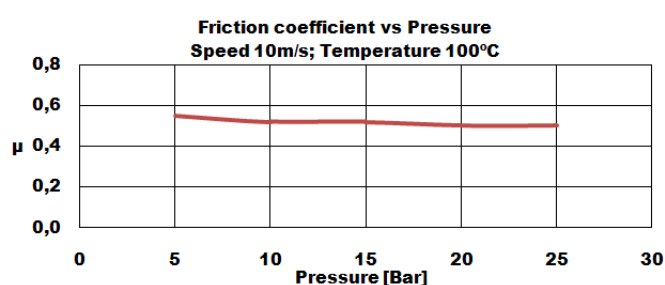
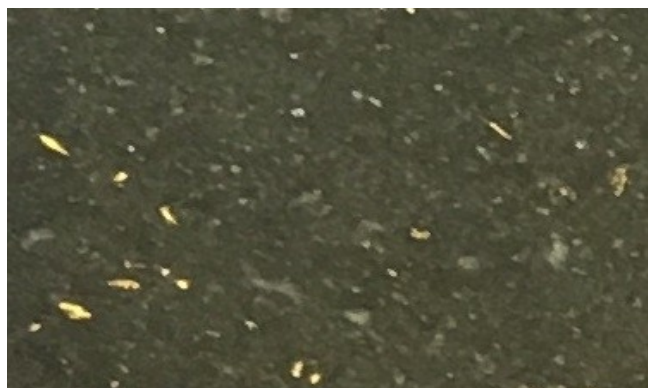
Hardness (DIN53505):	55±5	Shore-D
Specific Gravity (ASTM D792):	1.7±0.05	gr/cm ³
Thermal Conductivity (ASTM E1952):	0.33±0.01	W/m ² K

Mechanical properties

Tensile Strength (ASTM D638):	3±5	N/mm ²
Compressive Strength (ISO 844:2014):	190±5	N/mm ²
Poisson Coefficient (ASTM D638):	0.34±0.03	
Young Modulus (ASTM D638):	504±100	N/mm ²

Recommended Working Values

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



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.