MI 00 312

L'MI 00 312 resiste a temperature di esercizio elevate mantenendo sia la stabilità per attrito che un basso tasso di usura. Si tratta di un materiale d'attrito rigido con un basso contenuto organico, questa proprietà aiuta ad aumentare il funzionamento ad alte temperature mantenendo la stabilità d'attrito e un basso tasso di usura.

MI 00 312 resists high operating temperatures while maintaining both frictional stability and low wear. It is a rigid friction material with a low organic content, this property helps to increase operation at high temperatures while maintaining friction stability and a low rate of wear.

Dati Tecnici / *Technical Data*

Friction propieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.50±0.05	µ
Static Friction Coefficient (15bar, 100ºC):	0.46±0.05	µ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
Tº Fading:	>350	°C

Physical properties

Hardness (DIN53505):	80±5	Shore-D
Specific Gravity (ASTM D792):	2.1±0.10	gr/cm3
Ignition Loss (ASTM D7348):	2±0.2	%
Acetone Extraction (ASTM D494):	30±2	%

Mechanical properties

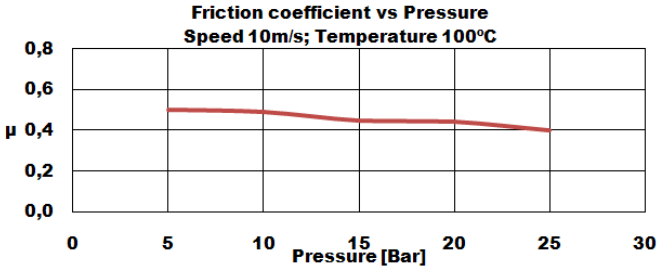
Compressive Strength (ISO 844:2014):	120±5	N/mm^2
Burst Resistant (200 x 137 x 3,5) 200°C:	13500±100	RPM

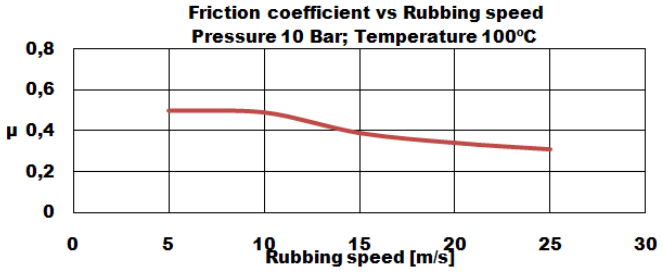
Recommended Working Values

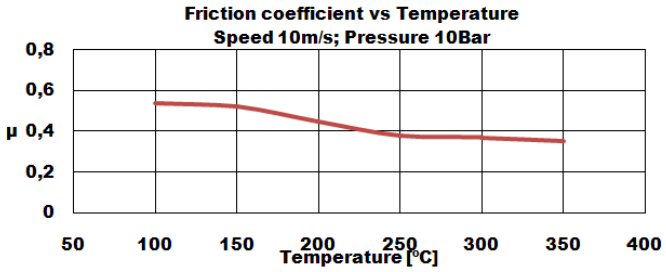
T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

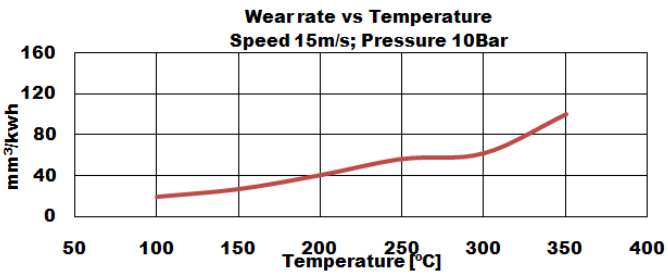
Others

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.

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