MI 00 305

Il Materiale MI 00 305 è molto affidabile, ha una bassa usura resistente alle alte temperature. Risulta molto silenzioso durante l'utilizzo. Composizione del materiale: Il filo in fibra di vetro di rinforzo è avvolto a spirale su un sottile nucleo in rame. Questo da origine ad un materiale resistente con buone proprietà di trasferimento del calore su tutta la superficie.

MI 00 305 is very reliable Friction Material, has a low rate and hard wearing. MI 00 305 is very silent during use. Composition:The glass fiber reinforcment yarn is spiral woven with a fine copper core to produce a strong material with good heat transfer characteristics.

Dati Tecnici / *Technical Data*

Friction propieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.42±0.05	µ
Static Friction Coefficient (15bar, 100ºC):	0.44±0.05	µ
Dynamic Friction Coefficient:	see charts	
Wear Rate:	see charts	
Tº Fading:	>350	°C

Physical properties

Hardness (DIN53505):	85±5	Shore-D
Specific Gravity (ASTM D792):	1.95±0.05	gr/cm3
Ignition Loss (ASTM D7348):	40±2	%
Thermal Conductivity (ASTM E1952):	33±0.01	W/m°K

Mechanical properties

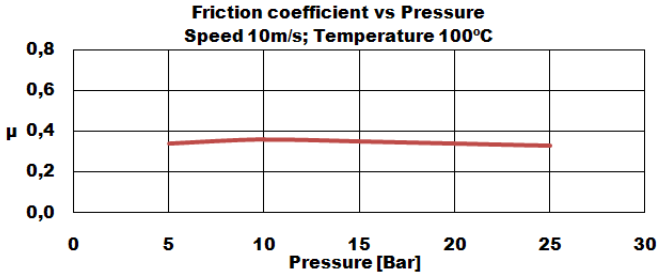
Compressive Strength (ISO 844:2014):	120±5	N/mm^2
Burst Resistant (200 x 137 x 3,5) 200°C:	12000±100	RPM

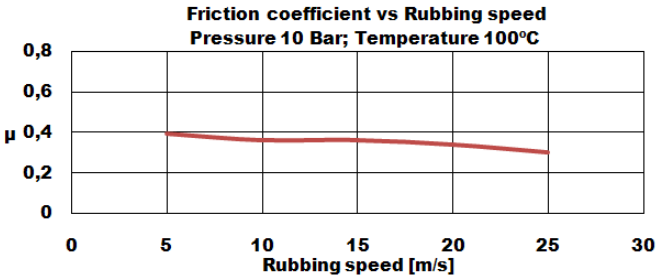
Recommended Working Values

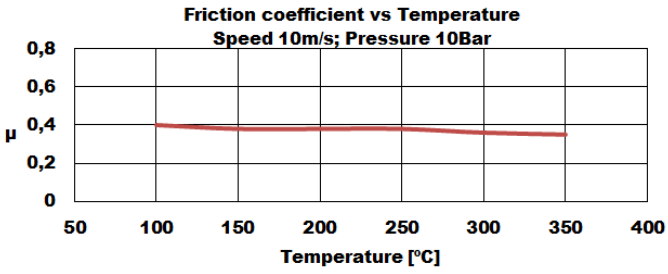
T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

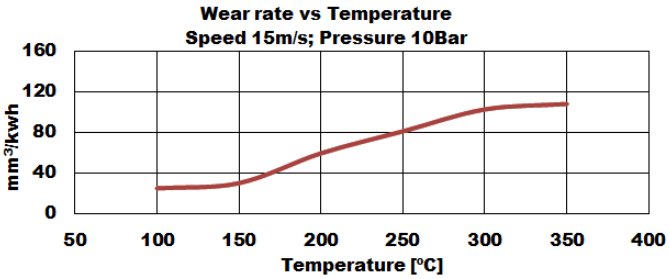
Others

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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