MI 00 311

Il Materiale MI 00 311 e un materiale ad alte prestazioni per frizioni. Sviluppato nel 1997 è prodotto con filato dreft e fibre aramidiche, è indicato per veicoli commerciali, specialmente per ambienti con temperature elevate.

MI 00 311 is a rigid woven friction material with a medium friction coefficient. Developed in 1997, manufactured with draft yarn and aramid fibres. It is recommended for commercial vehicles, especially when thermal conditions are high

Dati Tecnici / *Technical Data*

Friction propieties (according graphics)

Static Friction Coefficient (15bar, from box):	0.53±0.05	µ
Static Friction Coefficient (15bar, 100ºC):	0.53±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):	1.7±0.05	gr/cm3
Ignition Loss (ASTM D7348):	50±2	%
Acetone Extraction (ASTM D494):	2±0.2	%

Mechanical properties

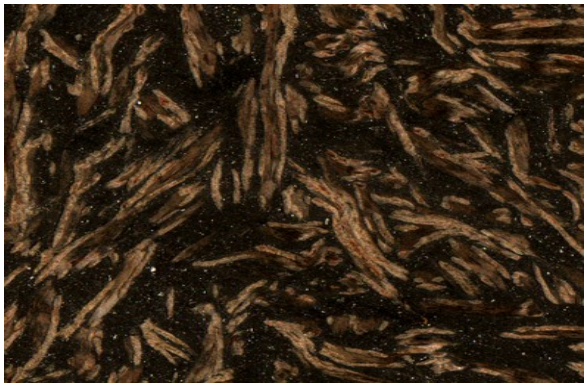
Compressive Strength (ISO 844:2014):	120±5	N/mm^2
Burst Resistant (200 x 137 x 3,5) 200°C:	12000±100	RPM

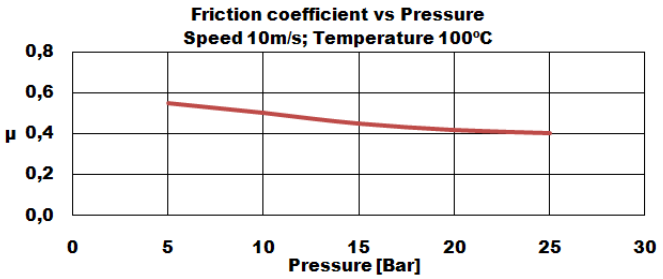
Recommended Working Values

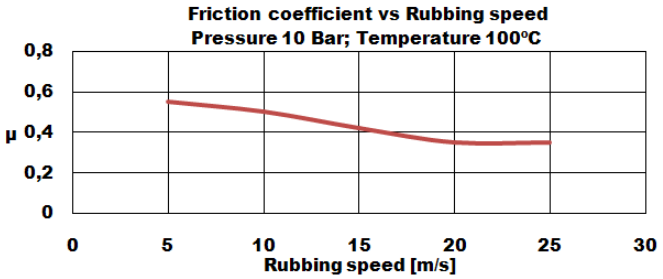
T° Max. Continuous Operation:	250	°C
T° Max. Intermittent Operation:	350	°C

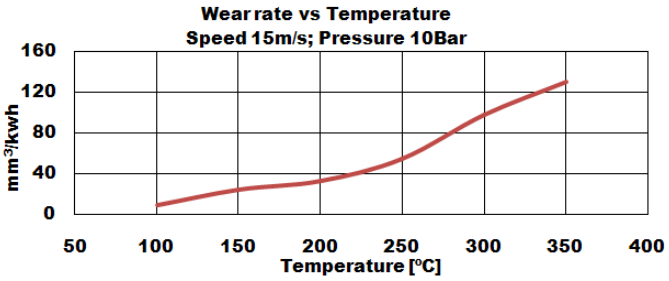
Others

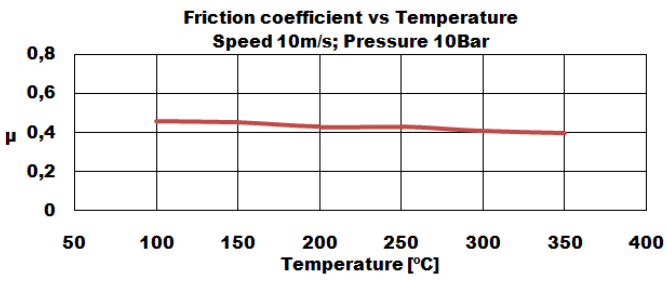
Recommended Mating Surface:	Perlitic cast iron, hardness HB150-200
Recommended Adhesives:	Thermosetting adhesive











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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