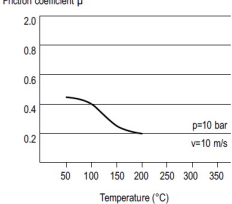


Datasheet AB3190

<p>Friction / Operating Temperature</p> 	<p>Asbestos-free, rigid woven friction material based on resin-impregnated fabric and metal components. AB3190 is resistant to oil. Recommended friction surface: pearlitic grey cast iron.</p>
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Application

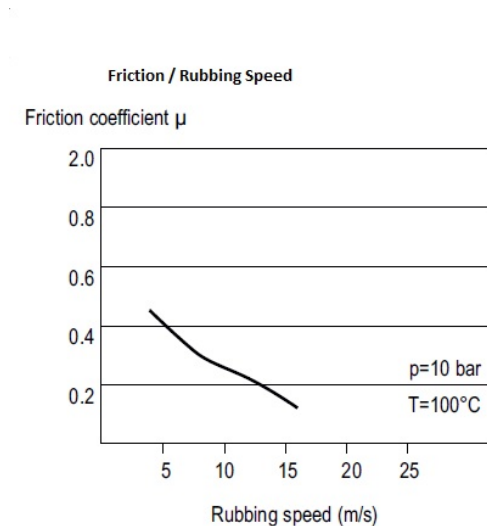
Friction material for industrial application.

Material

Impreganted textiel based rigid material.

Availability

	Value	Unit
Length standard	on request	
Sheet thickness	on request	
Sheet size	on request	



AB3190 - Specifications

Physical properties

	Test standard	Value	Unit
Density	ASTM D792	1,60	g/cm ³
Poisson factor	ASTM D638	0,26	[-]
Thermal conductivity	ASTM E1952-01	0,20	W/m°K

Mechanical properties

	Test standard	Value	Unit
Compressive strength static	ISO 844:2014	410	MPa
Module of elasticity - Youngs modulus	ASTM D638	13354	MPa
Tensile strength	ASTM D638	47	MPa
Shear Modulus	ASTM D2344-00	5320	MPa
Hardness	DIN 53505	90	Shore-D

Thermal properties

	Test standard	Value	Unit
Max. working temperature		200	°C
Intermittent working temperature		250	°C
Fading temperature		>200	°C

Friction properties

	Test standard	Value	Unit
Coefficient of friction static	15 bar, from box	0,5	[-]
Coefficient of friction dynamic		on request	
Wear factor		on request	

Electrical properties

	Test standard	Value	Unit
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