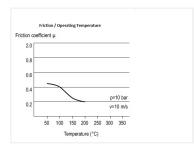


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Datasheet AB3190



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.

Application

Friction material for industrial application.

Material

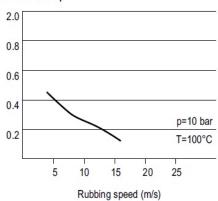
Impreganted textiel based rigid material.

Availablity

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

Friction / Rubbing Speed

Friction coefficient μ



The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.



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AB3190 - Specifications

Physical properties

	Test standard	Value	Unit
Density	ASTM D792	1,60	g/cm³
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	ºC

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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