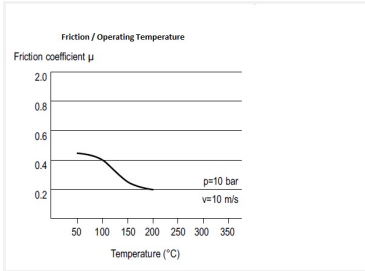


Datasheet AB3190



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

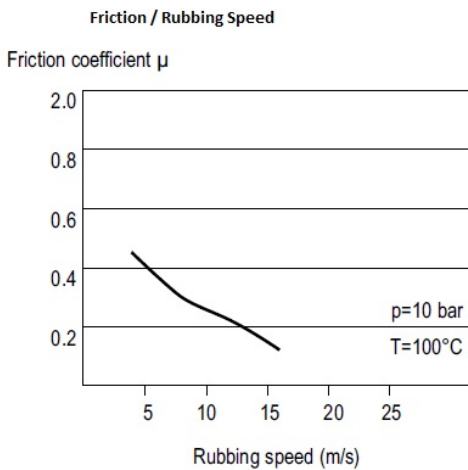
Friction material for industrial application.

Material

Impregnated 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
--	---------------	-------	------