

Datasheet AB3240



It's a black rigid friction material based on graphite with a medium low friction coefficient. Phenolic resins is used as a bonding system with short fibers, friction lubricants and fillers. AB3420 is cured and suitable for bonding and reviting.

Application

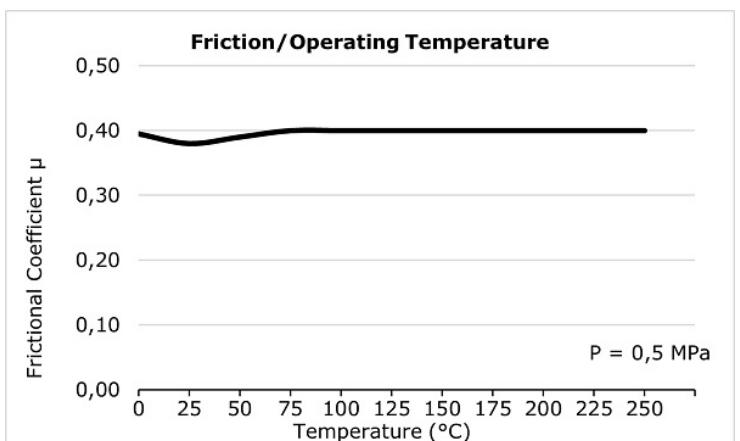
Suitable voor continuous brakes, torque limitator, friction washers and callipers for industrial applications

Material

Black rigid friction material based on graphite.

Availability

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



AB3240 - Specifications

Physical properties

	Test standard	Value	Unit
Density		on request	
Poisson factor	ASTM D638	0,26	[-]
Thermal conductivity		on request	

Mechanical properties

	Test standard	Value	Unit
Compressive strength static	ISO 844:2014	160	MPa
Module of elasticity - Youngs modulus	ASTM D638	5200	MPa
Tensile strength	ASTM D638	16	MPa
Shear Modulus	ASTM D2344-00	2100	MPa
Hardness	DIN 53505	90	SHORE-D

Thermal properties

	Test standard	Value	Unit
Max. working temperature		250	°C
Intermittent working temperature		350	°C
Fading temperature		>350	°C

Friction properties

	Test standard	Value	Unit
Coefficient of friction static	15 bar, from box	0,55	[-]
Coefficient of friction dynamic		on request	
Wear factor		on request	

Electrical properties

	Test standard	Value	Unit
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