

Datasheet AB9020



Asbestos-free, heavy duty brake lining composite woven friction material containing brass wires. ASEC Brake® 9020 is based on phenolic resins is suitable for dry and oil-immersed applications. ASEC Brake® 9020 is resistant to high pressures. It has low wear rate and stable friction coefficient even at high temperatures.

Application

Heavy duty, wet and dry industrial applications such as forge industry, punch die press blocks, rings and segments

Material

Woven friction material with brass wires.

Availability

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

AB9020 - Specifications

Physical properties

	Test standard	Value	Unit
Density	ASTM D792	1,60	g/cm ³
Poisson factor		on request	
Thermal conductivity		on request	

Mechanical properties

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		33	MPa
Shear strength		42	Mpa
Hardness		on request	

Thermal properties

	Test standard	Value	Unit
Max. working temperature		250	°C
Intermittent working temperature		280	°C
Fading temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction static		0,53	[-]
Coefficient of friction dynamic		on request	
Max. sliding speed		21,0	m/s
Wear factor		on request	

Electrical properties

	Test standard	Value	Unit
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