

Datasheet AS 341

Material description: Asbestos-free, phenolic resin/rubber bonded, nonmetallic friction material.

Application: General purpose friction material suitable for light medium duty, wet and dry industrial applications, recommended friction surface: pearlitic grey cast iron.

Resistance: Resistant to ATF-oil.

- (1): Test standard.
(2): No test standard.

The listed temperatures in this datasheet are average friction surface temperatures at the surface of brake lining and/or drum or disc. By the maximum permitted temperature (intermittent operation) is meant a peak value that might be reached in an emergency situation. If this temperature is lasting for more than two minutes, the friction material can get permanently damaged. To exceed this temperature limit can cause as well a very strong decrease of the friction coefficient. The maximum temperature in the area of lining attachments shall generally not exceed the value of 200 °C. Differences in color cannot be excluded due to natural raw materials.

Availability	Unit	Value
Width	mm	>30
Length	mm	<760

Physical Properties	Test Standard	Unit	Value
Density (specific gravity)		g/cm ³	1.65±0.05
Hardness (shore D)	DIN 53505		70-75 ⁽²⁾
Ignition loss		%	34-38
Acetone extraction		%	2±0.2
Dynamic friction coefficient μ (79 N, 7 m/s)			0.3±0.05

Thermal Properties	Test Standard	Unit	Value
Temperature (intermittent max. permanent)		°C	<350
Temperature (continuous max. permanent)		°C	<250

Friction Properties

