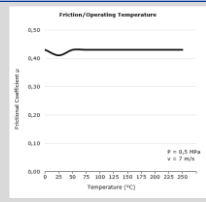
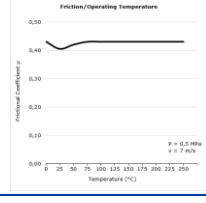
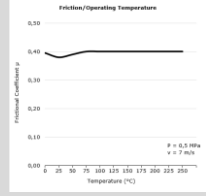
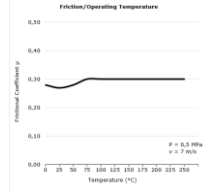


Datasheet Friction Materials											
	Availability		Mechanical Properties						Thermal Properties		Friction Properties
	Width	Length	Ignition loss	Acetone extraction	Dynamic friction coefficient μ (79 N, 7 m/s)	Thermal conductivity (100 °C)	Tensile strength	Compressive strength	Temperature (intermittent max. permanent)	Temperature (continuous max. permanent)	
Test Standard						ASTM E1952-01 Coefficient $22 \times 10^{-5} \text{K}^{-1}$	ASTM D638-10 Young Modulus 5639 N/mm ²				
Unit	mm	mm	%	%		W/mK	N/mm ²	N/mm ²	°C	°C	
AS 307	>30	<760	38-44	<1.5	0.45±0.05	-	-	-	<350	<250	
AS 311	>30	<760	-	-	-	11 ⁽¹⁾	28 ⁽¹⁾	360	<400	<360	

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 Kunststoffen B.V. is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.

AS 324	>30	<760	-	-	0.4±0.05	-	-	-	<350	<250	
AS 341	>30	<760	34-38	2±0.2	0.3±0.05	-	-	-	<350	<250	

(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.