

Technical data sheet Grade: DM-6

Material Description	:	Asbestos friction material with reinforcing fibre system, metallic,	:	organic binding system special Formaldehyde resins , Good Friction	:	level, high mechanical stability, stable friction coefficient at moderate	:	temperatures, Good wear resistance.
Availability	:	flat sheets, rings, segments, blocks, after drawing	:		:		:	
Applications	:	Heavy-duty industrial material, Blocks ,Segment, Rings	:		:		:	

Technical Data		Measured Values *	Unit
Average Operating Friction Coefficient			
Dry			
Dynamic		0.40	μ
Static		0.45	μ
Recd.Surface Pressure			
Continuous dynamic		10	N/mm ²
Max. short time		5	N/mm ²
adm. Gliding Speed			
Continuous, dynamic		20	m/s
Max. short time		30	m/s
adm. Temperature			
Continuous		150	° C
short time		200	° C
Cross breaking strength at 20 °C		47	N/mm ²
Compressive Strength at 20 °C		133	N/mm ²
Recommended Mating Material		Low and high grade Steel, stainless steel, grey cast iron, spheroid cast iron	
Bonding Ability		excellent	
Oil Resistance		excellent	
Density		1.78	g/cm ³

* The afm. data were obtained from partial lining tests and are average values.The maximum adm. stress data should not be demanded simultaneously. In case of new developments or quality rearrangements we recommend you to test the suitability of the friction material.