

## Technical data sheet Grade: GL- 4004

<b>Material Description</b>	:	Non-asbestos friction material with medium-high amount of organic and inorganic reinforcing fibre system, non-metallic,
	:	organic binding system by special synthetic rubber modified resins , very low friction level, high mechanical stability, stable friction coefficient at high temperatures, excellent wear resistance, salt water resistant
	:	
<b>Availability</b>	:	flat sheets, rings, segments, blocks, after drawing
	:	
<b>Applications</b>	:	heavy-duty industrial gliding material, sealing rings for rotary kiln, gliding rings, slide and guide plates
	:	
	:	

Technical Data		Measured Values *	Unit
Average Operating Friction Coefficient dry			
dynamic		0,15	μ
static		0,20	μ
Recd.Surface Pressure			
Continuous dynamic		10	N/mm <sup>2</sup>
Max. short time		5	N/mm <sup>2</sup>
adm. Gliding Speed			
Continuous, dynamic		30	m/s
Max. short time		50	m/s
adm. Temperature			
continuous		350	° C
short time		450	° C
Cross breaking strength at 20 °C		60	N/mm <sup>2</sup>
Compressive Strength at 20 °C		100	N/mm <sup>2</sup>
Recommended Mating Material		Low and high grade Steel, stainless steel, grey cast iron, spheroid cast iron	
Bonding Ability		excellent	
Oil Resistance		excellent	
Density		2,20	g/cm <sup>3</sup>

*\* 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.*