Material description
Elasteromer-resin bonded, contains unmagnetic metal, non flexible, rigid, black grey in colour, asbestos free.

Availability
Only pads moulded to customer drawings.

Applications
Brakes and clutches for usual mechanical engineering,
Heavy duty use in brakes and clutches.

Technical Data
mean dynamic friction coefficient $\mu$ for design purposes 0.34
recommended range of performance:
  $p_{\text{max}}$ [N/cm²] 250
  $v_{\text{max}}$ [m/s] 20
Max. application temperature [°C]
  continuously 250
  intermittently 450
Hardness at 20 °C ISO 2039-1 [N/mm²] approx. 160
Tensile strength at 20 °C ISO 527 [MPa] approx. 16
Impact strength at 20 °C DIN 179-1 [kJ/m²] approx. 5
Specific weight DIN 53479 [g/cm³] 2.1
Bondability good

All the physical properties shown above are mean values.

Not applicable for use in oil, occasional splashes not detrimental.

The maximum pressure / temperature / speed should not occur simultaneously. This information is advisory and is to our best knowledge.

The friction coefficients determined by small-scale brake lining tests may not be compatible to practice and further tests may be required.

Test conditionen: sample size: 2x5 cm², counter material: EN-GJL-250, disc brake