

Precision-molded friction material, composed of elastomers, synthetic resins, friction fibers and minerals with the necessary vulcanizing agents.

Friction Properties

Friction Coefficient: 0.451±0.05μ
Working Pressure: 150 PSI
Wear Rate : 0.0055in³/hp

Material Type: Molded Friction

Appearance/Formats:

Sheets
Rings
Bonded Parts

Physical Properties

Hardness (DIN53505): 80±7 Shore C
Specific Gravity (ASTMD792): g/cm³
Solvents Extraction: 6% maximum
Tensile Strength (ASTM D638): 2.6

Applications

Industrial Brakes
Friction Pads for Appliances
Clutches & Oil-Dipped Clutches
Robotics Brakes, Clutches
Controlled Slip Applications

Compliance: Reach(EC)1907/2023 & RoHS2015/863/EU

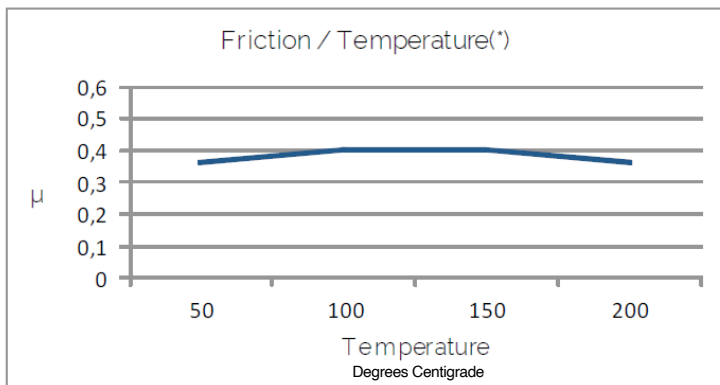
Thermal Properties

Maximum Continuous Operating Temp: 150/302 C°/F°
Maximum Intermittent Operating Temp: 200/392 C°/F°

Additional

Recommended Mating Surfaces: Pearlitic Cast Iron with Hardness HB150-200.
Recommended Adhesive: Thermosetting.
Oil Resistant: Yes.

The above data is taken from specific test parameters, therefore results can vary in differing application conditions



(*) FAST test (500 rpm, 80 psi)