

ORKOT GRADE C320

Orkot Grade C320 is the graphite filled Orkot grade that uses different combinations of fabrics and resins designed to satisfy the requirements of many applications such as bearing slide pads, wear rings and other high load bearing applications

Key Features and Benefits of Orkot C320

- Low Thermal Conductivity
- High Load Capacity
- Good Chemical Resistance
- Damping of Vibration
- Dimensional Stability

Orkot C320 Applications

- Used against Carbon Steel
- Used against Treated Surfaces
- Used against Ceramic
- Used against Chrome Plated Surfaces
- Railways
- Process Equipment
- Pumps and Valves
- Highly Loaded Bearings Operating with Intermittent or Oscillating movements



Physical Properties

Technical Data	Unit	Value
Specific Gravity	g/cm ³	1.3
Continuous Operating Temperature 5	°C	130
Minimum/Maximum Service Temperature in Air	°C	-50 to +110
Tensile Strength	Mpa	60
Hardness	Rockwell M	100
Co-efficient of thermal expansion	m/(m.k) x 10 ⁻⁶	55
Food Grade	FDA	No
Normal to Laminate	Mpa	345
Parallel to Laminate	Mpa	95
Normal to Laminate	E-5°C	9
Parallel to Laminate	E-5°C	5
Thermal Conductivity		0.293