



FTL249

✓ General description:

FTL249 is a sintered metal-ceramic bronze friction material with excellent properties in terms of friction and wear.

✓ Application:

FTL249 is recommended for applications such as static and emergency brakes.

✓ Recommended Operating Range

Working Temperature	-40°C / + 450°C
Max Pressure	5 MPa
Max. Speed (In case emergency brake)	20m/s

✓ Physical Properties

Density (g/cm ³)*	3.82 - 4.22
Specific heat (kJ/Kg°K)	0.49
Hardness (HRH)*	30 - 65
Bonding Shear test (MPa)*	Min. 6
Ultimate Compression Strength (MPa)	Min. 100
Dynamic Friction (μ-cold)	0.45 - 0.80
Only emergency braking	
Static Friction (μ-cold)	0.45 - 0.75

*Certificate values

**The ranges shown are the Min. and Max limits respectively.

The information supplied in this data sheet is believed to be accurate and reliable, was obtained by scientific and laboratory testing. However, since actual conditions of use are largely outside the control of Friction Technology Ltd, it is suggested that this material be thoroughly tested and its suitability for use be determined before final acceptance.