

# DATASHEET ALUBRONZE

## TECHNICAL SPECIFICATIONS

Corrosion resistance (ISO 10289)	N.A.
Pitting resistance (PREN)	N.A.
Wear resistance (ASTM65 volume loss)	Depending on application
Impact resistance (# impacts@20 Joule)	Medium
Ductility	High
Micro hardness	170HV
Thermal shock resistance	High
Operating temperature to maintain properties	< 400 °C
Roughness	0,15 < Ra> 1,6 µm
Bonding strength	∞ (infinite; intermetallic bonding)
Porosity	0%
Heat affected zone	< 0,2mm
Topclad length measurement system	N.A.

Note: The key characteristics of Alubronze are highly dependent on the application.

