

DATASHEET STELLITE 6

TECHNICAL SPECIFICATIONS

Corrosion resistance (ISO 10289)	Class Ra 9, 1000 hrs
Pitting resistance (PREN)	30
Wear resistance (ASTM65 volume loss)	94mm ³
Impact resistance (# impacts@20 Joule)	> 5.000
Ductility	High
Micro hardness	450HV
Thermal shock resistance	Very high
Operating temperature to maintain properties	< 650 °C
Roughness	0,15 < Ra> 1,6 µm
Bonding strength	∞ (infinite; intermetallic bonding)
Porosity	0%
Heat affected zone	< 0,2mm
Topclad length measurement system	Optional

