

DATASHEET STAINLESS STEEL 316L

TECHNICAL SPECIFICATIONS

Corrosion resistance (ISO 10289)	Class Ra 9, 1000 hrs
Pitting resistance (PREN)	22
Wear resistance (ASTM65 volume loss)	96mm ³
Impact resistance (# impacts@20 Joule)	High
Ductility	High
Micro hardness	210HV
Thermal shock resistance	High
Operating temperature to maintain properties	< 800 °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

