



**technical specifications**

Density	g/cm <sup>3</sup>	
Melting Point	°C	570
Thermal Expansion	K	25x10 <sup>-6</sup>
Modulus of Elasticity	Gpa	72
Thermal Conductivity	W/m.K	121
Tensile Strength	MPa	300
Elongation A50 mm	%	23
Shear Strength	MPa	175
Hardness Vickers	HV	75
Proof Stress	MPa	145

**chemical composition**

	Min.	Max.
Mn	0.40	1.00
Fe		0.40
Cu		0.10
Mg	4.00	4.90
Si		0.40
Zn		0.25
Cr	0.05	0.25
Ti	0.15	0.15
Al	Bal	Bal