

## COPPER 3N

### Analysis in ppm

Al. ....	< 80
Cr . . . . .	< 50
Fe . . . . .	< 80
Si. ....	< 80
Ti . . . . .	< 30
O . . . . .	< 400

### Physical properties

Melting point: . . . . .	1083 °C
Boiling point . . . . .	2595 °C
Theoretical density: . . . . .	8.9 g/cm <sup>3</sup>
Atomic weight . . . . .	63.54
Young´s modulus: . . . . .	96 MPa
Heat of vaporization . . . . .	70.5 x 10 <sup>-8</sup> at 1083 °C

Linear thermal expansion coefficient from 0 to 300 °C: . .  
 . . . . . 17.6 x 10<sup>-5</sup>

Specific electric resistivity at 20 °C: . . . . . 1677 µΩ cm