4032 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 6892 / ASTM B221 / EN 755-2 T6

Dimensions and supply

Series	**4xxx**
Typical temper	**T6**
Thickness	**6 - 300 mm**
Width	**60 - 600 mm**
Length	**3,000 - 6,000 mm**
Surface	**Mill finish, Turned, Anodised**
Density	**2.69 g/cm**
Melting range	**555 - 585 degC**

Chemical composition (wt %)

Si	**11.0 - 13.5**
Cu	**0.5 - 1.3**
Mg	**0.8 - 1.3**
Ni	**0.5 - 1.3**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**380 MPa**
Yield strength Rp0.2	**315 MPa**
Elongation A	**5 %**
Hardness	**120 HBW**

Typical values. The mill test certificate issued for your heat is the governing document.