2017 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 / GB/T 6892 T4

Dimensions and supply

Series	**2xxx**
Typical temper	**T4**
Thickness	**6 - 300 mm**
Width	**60 - 600 mm**
Length	**3,000 - 6,000 mm**
Surface	**Mill finish, Turned, Anodised**
Density	**2.79 g/cm**
Melting range	**510 - 640 degC**

Chemical composition (wt %)

Cu	**3.5 - 4.5**
Mg	**0.40 - 1.00**
Mn	**0.40 - 1.00**
Si	**0.80 max**
Fe	**0.70 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**425 MPa**
Yield strength Rp0.2	**275 MPa**
Elongation A	**22 %**
Hardness	**105 HBW**

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