2011 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 6892 / ASTM B221 / EN 755-2 / ASTM B211 T3

Dimensions and supply

Series	**2xxx**
Typical temper	**T3**
Thickness	**6 - 300 mm**
Width	**60 - 600 mm**
Length	**3,000 - 6,000 mm**
Surface	**Mill finish, Turned, Anodised**
Density	**2.83 g/cm**
Melting range	**540 - 630 degC**

Chemical composition (wt %)

Cu	**5.0 - 6.0**
Bi	**0.20 - 0.60**
Pb	**0.20 - 0.60**
Fe	**0.70 max**
Si	**0.40 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**380 MPa**
Yield strength Rp0.2	**295 MPa**
Elongation A	**15 %**
Hardness	**110 HBW**

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