6005A Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 / GB/T 6892 T6

Dimensions and supply

Series	**6xxx**
Typical temper	**T6**
Thickness	**0.8 - 20 mm wall**
Width	**up to 400 mm section**
Length	**up to 12,000 mm**
Surface	**Mill finish, Anodised, Powder coated**
Density	**2.70 g/cm**
Melting range	**585 - 655 degC**

Chemical composition (wt %)

Mg	**0.40 - 0.70**
Si	**0.50 - 0.90**
Mn	**0.50 max**
Cr	**0.30 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**290 MPa**
Yield strength Rp0.2	**240 MPa**
Elongation A	**10 %**
Hardness	**90 HBW**

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