7005 Aluminium - Specification

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

Dimensions and supply

Series	**7xxx**
Typical temper	**T6**
Thickness	**0.2 - 150 mm**
Width	**up to 2,650 mm**
Length	**up to 12,000 mm**
Surface	**Mill finish, PVC coated, Anodised**
Density	**2.78 g/cm**
Melting range	**600 - 650 degC**

Chemical composition (wt %)

Zn	**4.0 - 5.0**
Mg	**1.0 - 1.8**
Mn	**0.20 - 0.70**
Zr	**0.08 - 0.20**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**350 MPa**
Yield strength Rp0.2	**290 MPa**
Elongation A	**12 %**
Hardness	**105 HBW**

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