3003 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 / GB/T 6892 H14

Dimensions and supply

Series	**3xxx**
Typical temper	**H14**
Thickness	**0.2 - 150 mm**
Width	**up to 2,650 mm**
Length	**up to 12,000 mm**
Surface	**Mill finish, PVC coated, Anodised**
Density	**2.73 g/cm**
Melting range	**643 - 654 degC**

Chemical composition (wt %)

Mn	**1.0 - 1.5**
Cu	**0.05 - 0.20**
Si	**0.60 max**
Fe	**0.70 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**150 MPa**
Yield strength Rp0.2	**145 MPa**
Elongation A	**8 %**
Hardness	**40 HBW**

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