3004 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 / GB/T 6892 H32

Dimensions and supply

Series	**3xxx**
Typical temper	**H32**
Thickness	**0.2 - 150 mm**
Width	**up to 2,650 mm**
Length	**up to 12,000 mm**
Surface	**Mill finish, PVC coated, Anodised**
Density	**2.72 g/cm**
Melting range	**629 - 654 degC**

Chemical composition (wt %)

Mn	**1.0 - 1.5**
Mg	**0.8 - 1.3**
Cu	**0.25 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**215 MPa**
Yield strength Rp0.2	**170 MPa**
Elongation A	**10 %**
Hardness	**55 HBW**

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