5005 Aluminium - Specification

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

Dimensions and supply

Series	**5xxx**
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	**2.70 g/cm**
Melting range	**632 - 655 degC**

Chemical composition (wt %)

Mg	**0.50 - 1.10**
Cu	**0.20 max**
Si	**0.30 max**
Fe	**0.70 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**165 MPa**
Yield strength Rp0.2	**145 MPa**
Elongation A	**8 %**
Hardness	**45 HBW**

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