8011 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 / GB/T 3198 H18

Dimensions and supply

Series	**8xxx**
Typical temper	**H18**
Thickness	**0.006 - 0.20 mm**
Width	**up to 1,800 mm**
Length	**coil ID 76 / 152 mm up to 5 t**
Surface	**Mill finish, Bright, Lubricated**
Density	**2.71 g/cm**
Melting range	**620 - 660 degC**

Chemical composition (wt %)

Si	**0.50 - 0.90**
Fe	**0.60 - 1.00**
Mn	**0.20 max**
Cu	**0.10 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**150 MPa**
Yield strength Rp0.2	**140 MPa**
Elongation A	**4 %**
Hardness	**50 HBW**

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