5182 Aluminium - Specification

ZORLANG ALUMINUM GB/T 3190 / GB/T 3880 / ASTM B209 / EN 485-2 H19

Dimensions and supply

Series	**5xxx**
Typical temper	**H19**
Thickness	**0.2 - 4.0 mm**
Width	**up to 2,650 mm**
Length	**coil ID 508 mm 2 - 8 t**
Surface	**Mill finish, Coated, Slit to width**
Density	**2.65 g/cm**
Melting range	**577 - 638 degC**

Chemical composition (wt %)

Mg	**4.0 - 5.0**
Mn	**0.20 - 0.50**
Cu	**0.15 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**400 MPa**
Yield strength Rp0.2	**365 MPa**
Elongation A	**4 %**
Hardness	**105 HBW**

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