4045 Aluminium - Specification

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

Dimensions and supply

Series	**4xxx**
Typical temper	**O**
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	**2.70 g/cm**
Melting range	**577 - 600 degC**

Chemical composition (wt %)

Si	**9.0 - 11.0**
Fe	**0.80 max**
Cu	**0.30 max**
Mn	**0.05 max**
Al	**remainder**

Mechanical properties

Tensile strength Rm	**120 MPa**
Yield strength Rp0.2	**55 MPa**
Elongation A	**20 %**
Hardness	**35 HBW**

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