# 5A06 Aluminium - Specification

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

## Dimensions and supply

| | |
|---|---|
| Series | **5xxx** |
| Typical temper | **O** |
| Thickness | **0.2 - 150 mm** |
| Width | **up to 2,650 mm** |
| Length | **up to 12,000 mm** |
| Surface | **Mill finish, PVC coated, Anodised** |
| Density | **2.64 g/cm** |
| Melting range | **570 - 640  degC** |

## Chemical composition (wt %)

| | |
|---|---|
| Mg | **5.8 - 6.8** |
| Mn | **0.50 - 0.80** |
| Si | **0.40 max** |
| Fe | **0.40 max** |
| Al | **remainder** |

## Mechanical properties

| | |
|---|---|
| Tensile strength Rm | **320 MPa** |
| Yield strength Rp0.2 | **160 MPa** |
| Elongation A | **20 %** |
| Hardness | **70 HBW** |

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