

Westgate

6082

(UNS A96082) W Nr.3.2315

Chemical composition	Al	Si	Fe	Cu	Mn	Cr	Mg	Zn	Ti	Others
% Present (Max)	Balance	0.7–1.3	0.50 max	0.10 max	0.40–1.00	0.25 max	0.06–1.20	0.20 max	0.10 max	0.05 each / 0.15 total

Alloy 6082 is one of the strongest 6000 series aluminium alloys. It delivers better strength than 6061 with good corrosion resistance and excellent machinability. It is often used in structural, transport, and general engineering components. Aerospace-focused stock lists reference coordinated British Standards (BS) rather than proprietary AMS.

Specifications:

BS L111 – 6082-T6 bars and sections

BS L113 – 6082-T6 sheet and strip

BS L114 – 6082-T6 tube (drawn)

BS L115 – 6082-T651 plate

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.



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