

Westgate

6061

(UNS A96061) W Nr.3.3211

Chemical composition	Al	Mg	Si	Cu	Cr	Fe	Zn	Ti	Mn	Others
% Present (Max)	Balance	0.8 0– 1.20	0.4 0– 0.8 0	0.15 – 0.4 0	0.0 4– 0.35	0.70	0.25	0.15	0.15	0.05 each / 0.15 total

Alloy 6061 is a versatile 6xxx series alloy offering a good balance of strength, corrosion resistance, weldability, and machinability. It is widely used in aerospace, transport, structural, and general engineering applications. Aerospace grade material is specified under a combination of AMS and British standards depending on product form.

Specifications:

AMS 4025, AMS 4026, AMS 4027 – 6061 sheet/plate variants
AMS 4080, AMS 4082, AMS 4083 – 6061 drawn tube variants
AMS 4113–AMS 4117 – 6061 bars, rods, extrusions
BS L117, BS L118 – Tube drawn and tested variants
QQ-A-250/11, QQ-A-200/8 – Aluminum alloy sheet/bar standards

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



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