

Westgate

7050

(UNS A97050) W Nr.3.4144

Chemical composition	Al	Zn	Mg	Cu	Zr	Fe	Si	Mn	Ti	Others
% Present (Max)	Balance	5.7–6.7	1.9–2.6	2.0–2.6	0.08–0.15	0.15	0.12	0.10	0.06	0.05 each / 0.15 total

Aluminium 7050 is a premium aerospace aluminium alloy combining high strength, good fracture toughness, and improved resistance to stress corrosion cracking. It is commonly used for thick plate aerospace structural parts such as bulkheads, wing skins, and fuselage frames.

Specifications:

AMS 4050 – 7050-T7451 plate

AMS 4201 – 7050-T7651 plate

AMS 4107, AMS 4108 – 7050 forgings

AMS 4340, AMS 4341, AMS 4342 – 7050 extrusions and bar variants

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



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