

OK Tigrod 5554

OK Tigrod 5554 is a solid aluminium rod with a content of 2,7% Mg. It's recommended for welding of AlMg alloys like 5454. Typical applications are chemical storage tanks, automotive components like wheels and frame sections. The weld metal is not sensitive to stress corrosion cracking at elevated temperatures.

Specifications

Classifications	SFA/AWS A5.10 : R5554 EN ISO 18273 : S Al 5554 (AlMg2,7Mn)
Approvals	CWB : R5554

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	AlMg 5
Shielding Gas	I1, I3 (EN 439)

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	110 MPa (16 ksi)	230 MPa (33 ksi)	17 %

Typical Wire Composition %

Mn	Si	Cr	Al	Cu	Ti	Zn	Fe	Mg
0.7	0.1	0.1	96	0.01	0.15	0.01	0.1	2.7