

LNM CuAl8

Key Features

- Solid wire for welding copper-aluminium alloys, as aluminium bronze
- High resistance to corrosion and wear

Conformances

AWS A5.7:

ERCuAl-A1

EN 14640

S Cu 6100 [CuAl8]

Welding Positions



Shielding Gas

- Inert gas Ar (100%)
- Inert gas Ar+ 0.5-95% He

Diameter / Packaging / Settings

Diameter mm	Part Number	Packaging	WFS ipm	Voltage volts	Current amps	CTWD mm
1.0	582871	B300 12kg	125-360	19-25	90-200	15-20

Mechanical Properties - As required per AWS A5.7

	Yield Strength MPa	Tensile Strength MPa	Elongation %	Hardness HB
Requirements - AWS ERCuAl-A1	Not specified	Not specified	Not specified	Not specified
Typical Results	185	430	30	95

Wire Composition

	%Cu	%Al	%Mn
Typical Results	bal.	8	0.3