



Nexus 1050

Pure Aluminium wire for MIG welding applications

1050 Aluminium MIG wire for welding commercially pure wrought and cast Aluminium

International Standards

EN ISO 18273:2004	AWS A5.10-99
S Al 1100 (Al99.0Cu)	ER 1100

Typical All-Weld Metal Analysis (wt%)

Al	Si	Mg	Mn	Cu	Fe
Bal	0.04	0.002	0.05	0.05	0.16

Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm²	Tensile Strength N/mm²	Elongation %
35	85	40

Welding Positions

All Positions

Materials

All commercially pure wrought and cast Aluminium 1200, 1350, 1050, 1080, LM0

Packaging

Size mm	0.8	1.0	1.2	1.6
Plastic spools 0.5 Kg	✓	✓	✓	-
Plastic spools 7.0 Kg	✓	✓	✓	✓

Additional Information

Certification	BS EN 10204:2004 Type 3.1
Material safety data sheet	MSDS 03
BOC Shielding Gas MIG	<2mm Alushield Light (3-6mm) Alushield Universal (5-12mm) Alushield Heavy (>10mm)