

Standards

TS EN ISO 18273	: ~S Al 1100 (Al 99.0 Cu)
EN ISO 18273	: ~S Al 1100 (Al 99.0 Cu)
AWS A5.10	: ~ER1100

Chemical Composition of Welding Wire % (Typical)

Al	Cu	Fe	Si
99.5	0.10	<0.40	<0.30

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation ((L ₀ =5d ₀) (%))	Working Temperature (°C)
50	85	25	647 - 658

Typical Base Material Grades

- Al 99.5, Al 99.7, Al 99.8, E Al 99.9, Al 99, E-Al MgSi

Features and Applications

- It is aluminum MIG welding wire
- Application field is truck chassis and body, tanks, buses and containers, railway trucks, marine applications, pipes, flanges, panels, ship ports, barriers, ship boards etc
- It is recommended that preheating to 150°C before welding of plates thicker than 10mm

Welding Positions

Current Type

MIG D.C.(+)

Operating Data

Product Code	Diameter (mm) / (inch)		Package Weight (Kg)
6011100268	0.80	0.030"	5
6011100032	1.00	0.040"	7
6011100033	1.20	0.047"	7
6011100269	1.60	0.062"	7