

### CLASSIFICATIONS

EN ISO 18273 : ~S Al 1100 (Al 99.0 Cu)

AWS A5.10 : ~ER1100

### DESCRIPTION

- 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

### CHEMICAL ANALYSIS OF WELD METAL % (TYPICAL)

Al: 99.5 | Cu: 0.10 | Fe: <0.40 | Si: <0.30

### MECHANICAL PROPERTIES

Yield Strength (MPa)	Tensile Strength (MPa)	Elongation ( $L_0=5d_0$ ) (%)	Working Temperature (°C)
50	85	25	647 - 658

### BASE MATERIALS

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

### WELDING POSITIONS



### CURRENT CONDITION

MIG D.C.(+)

### OPERATING DATA

Product Code	Diameter x Length (mm) / (inch)		Package Weight (Kg)
1011100085	0.80	0.030"	5
1011100086	1.00	0.040"	7
1011100087	1.20	0.047"	7
1011100088	1.60	0.062"	7