

Standards :

Chemical Composition of Welding Wire  
% (Typical) :

|              |              |                          |
|--------------|--------------|--------------------------|
| TS 6204      | EN ISO 18273 | : S Al 1100 (Al 99.0 Cu) |
| EN ISO 18273 |              | : S Al 1100 (Al 99.0 Cu) |
| AWS A5.10    |              | : ~ ER 1100              |

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

Mechanical Properties :

|  |  |   |                             |
|--|--|---|-----------------------------|
| Yield Strength<br>(N/mm <sup>2</sup> ) | Tensile Strength<br>(N/mm <sup>2</sup> ) | Elongation<br>(L <sub>0</sub> =5d <sub>0</sub> )(%) | Working Temperature<br>(°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.
- \* Required use of Ar, He or Ar+He gas as shielding gas.

Welding Positions :



Current Type :

MIG D.C.(+)

Operating Data :

| Diameter x Length<br>(mm) | Diameter x Length<br>(inch) | Package Weight<br>(Kg) |
|---------------------------|-----------------------------|------------------------|
| 0.80                      | 0.030"                      | 7                      |
| 1.00                      | 0.040"                      | 7                      |
| 1.20                      | 0.047"                      | 7                      |
| 1.60                      | 0.062"                      | 7                      |

Approvals :

GOST-R, SEPRO