

GM-702



Alloyed welding wire with 3% Silicon for MIG brazing

CLASSIFICATION :AWS/SFA 5.7: ERcusi-A DIN 1733: MSG-CuSi3

DESCRIPTION :

GM 702 is copper silicon alloyed solid wire for MIG welding copper alloys, brass and galvanised steel grades.

Typical applications include joining CuSi2Mn, surfacing unalloyed and low alloyed steels, joining zinc coated steels in automotive industries.

APPLICATIONS :

- Shipyards/offshore
- Repair shops
- Car industry/assembling

CHARACTERISTICS :

The wire is recommended for joining of coated steel plates and for repair welding of motor vehicles body and plates.

WELDING INSTRUCTIONS::

- Clean weld area thoroughly.
- Pay attention to low heat in-put (Short arc/ Mig pulsed arc)

Shielding gas: Pure Argon

TYPICAL MECHANICAL PROPERTIES OF WELD METAL (Typical)

Ultimate Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
380	300	40

Weld Metal analysis :

Si	2.5 - 4.0
Zn	1.0 max
Sn	1.0 max
Fe	0.5 max
Cu	Remainder

PACKING DATA :

SIZE (mm)	PACKING/SPOOL (KG)
0.8 × 500	12.5/15
1.0 × 500	12.5/15
1.2 × 500	12.5/15
1.6 × 500	12.5/15