

# TECHNICAL DATA SHEET



## PRODUCT INFORMATION



### Super6 SG3

AWS A5.18 ER70S-6  
EN ISO 14341-A-G 42 4C1  
EN ISO 14341-A-G 46 4M21 4Si1  
DIN 8559 SG3

## DESCRIPTION

A copper coated mild steel mig wire with increased silicon and manganese content, for welding unalloyed and low alloyed mild and medium tensile steels requiring good impact toughness down to -40°C.

Suitable for general fabrication, construction, ship building.

## WELDING POSITIONS



For use in all positions.

## CHEMICAL COMPOSITIONS

| C    | Si   | Mn   |
|------|------|------|
| 0.10 | 1.00 | 1.75 |

## MECHANICAL PROPERTIES

|                       |      |
|-----------------------|------|
| Melting Point °C      | 1450 |
| UTS N/mm <sup>2</sup> | 500  |
| Hardness BHN          | 180  |

## AVAILABLE FORMATS

| SPOOL    |      |       |
|----------|------|-------|
| Diameter | 15kg | 250kg |
| 0.8mm    | 7320 |       |
| 1.0mm    | 7321 | 7341  |
| 1.2mm    | 7322 | 7342  |

|               |                           |
|---------------|---------------------------|
| Shielding Gas | Argon/CO <sub>2</sub> mix |
| Current Type  | DC+                       |

While all reasonable efforts have been made to ensure the accuracy of this information, it may change at any time and is only intended as general guidance.

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