

Saffire Aluminium 5% Silicon

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|----------------------|------------------|
| BS 2901: Part 4 1990 | 4043A (TIG rods) |
| BS 1453: 1972 (1987) | 4043A (Gas rods) |
| AWS A/SFA 5.10-88 | ER4043 |
| DIN 1732 (1988) | SG-AISi5 |

Description and applications

Saffire Aluminium 5% Silicon is suitable for welding a wide range of aluminium alloys except for those with magnesium as a main addition. The recommended shielding gas for TIG welding is argon, and the recommended flux for oxy-acetylene welding is Saffire Aluminium Welding flux.

Composition

Wire Analysis Wt %

| | Min | Max |
|--------------|------------|------------|
| Si | 4.5 | 5.5 |
| Mn | | 0.05 |
| Cr | | 0.05 |
| Cu | | 0.05 |
| Ti | | 0.15 |
| Zn | | 0.10 |
| Mg | | 0.05 |
| Fe | | 0.40 |
| Be | | 0.0008 |
| Others Total | | 0.15 |
| Al | | Balance |