TALWELD 4047

Classifications
AWS A5.10 ER4047
AS/NZS ISO 18273 S Al 4047

Description

Talweld 4047 is an aluminium alloy rod containing 12% Silicon and can used for welding of castings, forgings and extruded shapes. It has a low melting point and good fluidity, resulting in low parent metal distortion.

Shielding Gas

Welding grade Argon or Argon-Helium mixtures (for thicker sections).

Chemical composition of solid wire (wt %)

Si	Fe	Cu	Mn	Mg	Zn	Be	Ti	Al
11.0 -13.0	0.60 Max.	0.30 Max.	0.15 Max.	0.10 Max.	0.20 Max.	0.0003 Max.	0.15 Max.	Balance

Typical mechanical properties of weld metal

Tensile strength MPa	Yield strength MPa	Elongation %
130	160	6

Packaging

Diameter (mm)	1.6	2.4	3.2
Pack Size	2.5kg	2.5kg	2.5kg
Length (mm)	1000	1000	1000