



GB/T 10858 S Al 4047
AWS A5.10 ER4047
EN ISO 18273 S Al 4047

AK ER4047

TIG/MIG

Description: ER4047 is an aluminum-silicon eutectic alloy welding wire, and its welding performance and weld characteristics are similar to ER4043. This welding wire can also be used as solder.

Application: Suitable for welding cast aluminum, 2000 series and Al-Mg-Si series aluminum alloys.

Typical Chemical Composition(%):

	Si	Fe	Cu	Mn	Mg	Zn	Al	Be		
Requirement	11.0-13.0	0.80	0.30	0.15	0.1	0.20	bal.	0.0003	—	—
Actual Result	11.66	0.21	0.06	0.06	0.01	0.02	bal.	0.0002	—	—

Typical Mechanical Properties:

	Tensile Strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	—	—	—	
Actual Result	175	125	14	