

# TECHNICAL SHEET

## Aluminum Flux Cored

**BEIDUO® Alloys**

Providing Complete Brazing, Soldering & Welding

000191

Aluminum Flux Cored Wires / Rods / Rings

### Classification

BD812  
AlSi12  
ER4047

### Chemical Composition:

AlSi alloys: Al:88% Si:12%  
Flux: K Cs Al F 15-25%

### Joining process:

Suitable for automatic wire flame brazing, high frequency induction brazing process, the manual flame brazing, protective gas tunnel furnace brazing process, etc.

### Description and Applications

Braze for joining aluminum to aluminum  
Melting Range: Metal: 577-585°C Flux: 545-565°C  
Brazing Temperature: 595-625°C

### Availability

Wire Diameter: 1.6mm, 1.8mm, 2.0mm, 2.2mm, 2.4mm  
Packing Type: Wire 0.5kg/1.0kg/2.0kg/5kg/spool  
Rod: 0.5-2.0kg/plastic tube  
Ring: 0.5-2kg/plastic bag.

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