

# ARCWEL 22 ZN - Low Temperature Aluminium Brazing Rod/ Wire /flux cored

## Features

- ◆ For joining aluminium and aluminium to other metals at low temperature.
- ◆ Suitable for joining copper to aluminium
- ◆ An alloy composed of zinc and aluminium that has excellent wetting and flow characteristics on almost all aluminium alloys and other metals,
- ◆ Flux cored wire allows continues brazing and increases efficiency.
- ◆ Flux is noncorrosive therefore eliminating or minimizing after cleaning operation.
- ◆ Low temperature application (~450°C) reduces danger of damage and distortion to base material.
- ◆ High strength, easy to apply, no special equipment required
- ◆ Especially suitable for joining thin aluminium parts

## Application:

- ◆ Joining and repairing Aluminium radiators, condensers, cooling systems, irrigation pipes, fuel tank repairs, Heat exchangers, transformers, refrigeration and air conditioning units, al pipe fittings and joining of dissimilar metals.

## Brazing methods

- ◆ Manual Flame Process (Oxy acetylene/ Propan ) , Induction heating ,

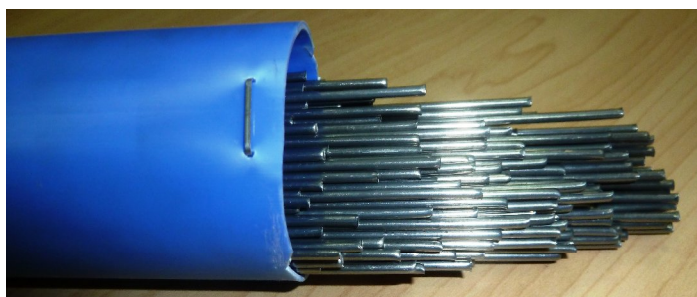
## Technical Data:

Tensile Strength Rm [MPa]	Electrical Conductivity (m/W x mm <sup>2</sup> )	Melting range °C
Up to 100 on Al. Up to 150on Cu	13.3	440-460



Form of delivery : Rods/ Wire flux cored,

Size Ø [mm]	Rods Length	Weight Package
2,0	500	5 m/250g/ 1 kg



## Warranty Clause:

The information and data presented herein are typical or average values. The properties of a solder or brazing joint will depend on base metal properties, joint design etc. Application suggested are made solely for the purpose of illustration to enable the reader to make his own valuation and are not intended as warranties

[www.arcwel.at](http://www.arcwel.at)

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