

## BR 1210

### Standards

|                |                      |
|----------------|----------------------|
| AWS 5.8        | RBCuZn-A             |
| EN ISO 3677    | B-Cu60Zn(Sn) 875-895 |
| EN 1044        | Cu 302               |
| DIN 8513       | L-CuZn40             |
| ISO 17672:2016 | Cu 470               |

### Product Features and Advantages

Copper-Zinc alloyed brazing rod which has high fluidity ability. Prefably used for surfacing and brazing of the steel, doctile iron, copper alloys which solidificates above 950°C. It provides help to brazing zinc coated sheets without harming the galvanize. It is recommenden to use with BF 12 brazing flux.

### Bakır-Çinko Sert Lehim Alaşımaları - Sert Lehim Teli

### Applications

It has wide range of use such as ventilation systems, automotive, pipe lining and bodywork for agricultural machinery, part connections of bicycles and motorcycles, repairing of broken drill bits, production of the metal furnitures, towel dryers, manifolds, electric panels, boilers, hydrolic and pnomatic machine equipments and to production of textile machinery.

### Typical Physical Analysis of the Weld Metal

| Working Temperature (°C) | Melting Temperature (°C) | Density (gr/cm <sup>3</sup> ) | Conductivity (Sm/mm <sup>2</sup> ) |
|--------------------------|--------------------------|-------------------------------|------------------------------------|
| 885                      | 875-895                  | 8.30                          | 2.5                                |

### Typical Mechanical Values of Weld Metal

| Test Condition | Tensile Strength (N/mm <sup>2</sup> ) | Elongation A5 (%) | Hardness (HB) |
|----------------|---------------------------------------|-------------------|---------------|
| As welded      | 450 (*)                               | 35                | 110           |

### Packaging Information

| Product Code | Diameter x Length (mm) | Quantity per Box | Box Gross Weight (kg) | Boxes per Outer Box | Outer Box Gross Weight (kg) | Packaging Type       |
|--------------|------------------------|------------------|-----------------------|---------------------|-----------------------------|----------------------|
| 80144AKB07   | 2.00x1000              | 5.00 KG          | 5.10                  | 1                   | 5.10                        | Cardboard Tube       |
| 80144ALB07   | 2.50x1000              | 5.00 KG          | 5.10                  | 1                   | 5.10                        | Cardboard Tube       |
| 80144AMB07   | 3.00x1000              | 5.00 KG          | 5.10                  | 1                   | 5.10                        | Cardboard Tube       |
| 80144CGZ38   | 1.60                   | 10.00 KG         | 10.70                 | 1                   | 10.70                       | Plastic Spool (D300) |