

### BRASS COATED RODS

| Item # | EAN           | MDM     | Dimensions         |
|--------|---------------|---------|--------------------|
| 867842 | 3660338217562 | 9249119 | Ø2,0 MM x 69 Units |
| 867843 | 3660338217593 | 9248889 | Ø3,0 MM x 32 Units |



### Description

Copper and zinc based brazing alloy with a slight addition of silicon, nickel and manganese to facilitate bonding. Recommended for cast steels, copper, nickel-silver, nickel.

### Applications

Locksmithing, piping, fittings, furniture... Plastic packaging.

### Specifications

| Alloy | Working Temperature (°C) | NF EN ISO 17672 | AWS A-5.8 | DIN 8513    | EN ISO 3677                     |
|-------|--------------------------|-----------------|-----------|-------------|---------------------------------|
| Cu-Zn | 900                      | Cu 471          | ~RBCuZn-C | ~L-Cu Zn 40 | B-Cu60Zn(Sn) (Si) (Mn) -870/900 |

### Typical Chemical Compositions (%)

| Cu | Zn    | Si   | Sn   | Mn   | Fe    | Pb     | Bi/Sb/Cd | Ni   | Max. impurities |
|----|-------|------|------|------|-------|--------|----------|------|-----------------|
| 60 | Solde | 0,20 | 0,40 | 0,25 | <0,25 | <0,025 | <0,01    | <0,2 | <0,20           |

### Typical Physical Properties

| Colour | Solidus (°C) | Liquidus (°C) | Density (g/cm³) | Elongation (%) | Tensile strength (Mpa) | Electrical Conductivity (%IACS) | Electrical Resistivity (Micro-ohm-cm) |
|--------|--------------|---------------|-----------------|----------------|------------------------|---------------------------------|---------------------------------------|
| Copper | 870          | 900           | 8,4             | 35             | 450                    | -                               | -                                     |