

## OK Tigrod 19.40

Bare aluminium bronze welding rods for welding of aluminium bronzes of the same type and over lay welding of un- and low alloyed steels. The alloy has a good corrosion resistance against sea water.

### Specifications

|                        |                                                  |
|------------------------|--------------------------------------------------|
| <b>Classifications</b> | SFA/AWS A5.7 : ERCuAl-A1<br>EN ISO 24373 : CuAl7 |
|------------------------|--------------------------------------------------|

|                      |                               |
|----------------------|-------------------------------|
| <b>Alloy Type</b>    | Alloyed copper ( Cu + 8 % Al) |
| <b>Shielding Gas</b> | I1, I2, I3 (EN 439)           |

### Typical Tensile Properties

| Condition | Yield Strength | Tensile Strength | Elongation |
|-----------|----------------|------------------|------------|
| As Welded | 175 MPa        | 420 MPa          | 40 %       |

### Typical Wire Composition %

| Mn  | Si  | Al | Pb   | Zn  | Fe  |
|-----|-----|----|------|-----|-----|
| 0.3 | 0.1 | 7  | 0.01 | 0.1 | 0.4 |