



# CEWELD NiCro 603

|                                                      |                                                                                                                                                                                                                                                                      |                            |     |    |      |     |     |     |    |       |  |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----|----|------|-----|-----|-----|----|-------|--|
| TYPE                                                 | Solid nickel based wire for Alloy 699 types (2.4842)                                                                                                                                                                                                                 |                            |     |    |      |     |     |     |    |       |  |
| APPLICATIONS                                         | Chemical process industry                                                                                                                                                                                                                                            |                            |     |    |      |     |     |     |    |       |  |
| PROPRIÉTÉS                                           | NiCro 603 is an alloy especially developed for high-temperature applications. Because of the high high chromium and aluminum content it has excelent metal dusting corrosion and oxidation resistance. Due to its excellent corrosion resistance.                    |                            |     |    |      |     |     |     |    |       |  |
| CLASSIFICATION                                       | AWS                                                                                                                                                                                                                                                                  | A 5.14: ~ERNiCrFe-Al-1     |     |    |      |     |     |     |    |       |  |
|                                                      | EN ISO                                                                                                                                                                                                                                                               | 18274: S Ni Z (NiCr 30 Al) |     |    |      |     |     |     |    |       |  |
|                                                      | W.Nr.                                                                                                                                                                                                                                                                | 2.4842                     |     |    |      |     |     |     |    |       |  |
|                                                      | F-nr                                                                                                                                                                                                                                                                 | 43                         |     |    |      |     |     |     |    |       |  |
|                                                      | FM                                                                                                                                                                                                                                                                   | 6                          |     |    |      |     |     |     |    |       |  |
| CONVIENT POUR                                        | Applications in Chemical process industry, this alloy has a much higher Metal Dust resistance than our CEWELD NiCro 602 CA                                                                                                                                           |                            |     |    |      |     |     |     |    |       |  |
| AGRÉMENTS                                            |                                                                                                                                                                                                                                                                      |                            |     |    |      |     |     |     |    |       |  |
| POSITIONS DE SOUDAGE                                 | <div>PAPBPC</div> |                            |     |    |      |     |     |     |    |       |  |
| ANALYSE CHIMIQUE<br>TYPIQUE DU MÉTAL<br>D'APPORT (%) | C                                                                                                                                                                                                                                                                    | Si                         | Mn  | Cr | Ni   | Ti  | Fe  | Cu  | Al | Nb+Ta |  |
|                                                      | 0.06                                                                                                                                                                                                                                                                 | 0.5                        | 0.5 | 30 | Rem. | 0.6 | 2.5 | 0.5 | 3  | 0.5   |  |
| PROPRIÉTÉS MÉCANIQUES                                |                                                                                                                                                                                                                                                                      |                            |     |    |      |     |     |     |    |       |  |
| ETUVAGE                                              | Not required                                                                                                                                                                                                                                                         |                            |     |    |      |     |     |     |    |       |  |
| GAS ACC. EN ISO 14175                                | I1                                                                                                                                                                                                                                                                   |                            |     |    |      |     |     |     |    |       |  |



# CEWELD NiCro 603

NICRO 603 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720682051115 |