

DT-2.4858

## Nickel Alloy MIG/MAG-Wire TIG - Rods

**Specification:**

EN ISO 18274: S Ni 8065 – NiFe30Cr21Mo3  
ASME SFA A.5.14: ER NiFeCr-1  
Material No. ~2.4858

**Application:**

Welding wires used for joining and surfacing of alloy 825 (2.4858, UNS N08825) and other CrNiMoCu-alloyed austenitic steels.

Good corrosion resistance in media of sulphuric and phosphoric acid.

**Chemical Composition  
Element by weight (%):**

C: 0,01 Si: 0,3 Cr: 22,5 Ni: 44 Mn: 0,8  
Mo: 3,1 Fe: bal. Cu: 2,5 Ti: 0,9

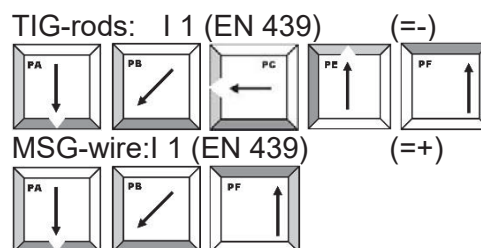
**Mechanical Properties:  
(typical)**

Yield strength (Rp0,2) ~360 N/mm<sup>2</sup>  
Tensile Strength (Rm) ~550 N/mm<sup>2</sup>  
Elongation (A)(Lo=5do) ~30 %  
Impact energy (Av) ~100 J

**Approvals:**

on demand

**Shielding atmosphere:**



**Typical Base Mat.:**

Alloy 825 (2.4858, UNS N08825)  
UNS N08904

**Packaging:**

MIG: spools D100 / D200 / K200 / K300  
WIG: 10kg-boxes