



CEWELD AA 4361

TYPE Metal cored stainless steel wire for gas shielded arc welding.(Type 1.4361, Alloy 1815)

APPLICATIONS CEWELD AA 4361 is suitable for welding silicon enhanced austenitic stainless steels. Weld metal designed to join stainless steel 1.4361

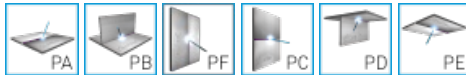
PROPRIÉTÉS Resistant to the attack of highly concentrated nitric acid and of nitric acid additionally containing strong deoxidants. Enhanced productivity, improved weldability, better wetting properties compared to solid wires. Excellent weld metal quality. Operating temperatures up to +350 °C. CEWELD AA 4361 is primarily used in flat and horizontal positions. However, welds in other positions are also possible using short-arc or pulsed arc.

CLASSIFICATION EN ISO 17633-A: T Z 19 13 Si N L M M12 1
W.Nr. 1.4361
FM 5

CONVIENT POUR 1.4361, 1.4500, 1.4505, 1.4506, 1.4536, 1.4539, 1.4585
X1CrNiSi18-15-4
S30600, S32615
Alloy 1815, Uranus S1,

AGRÉMENTS CE

POSITIONS DE SOUDAGE



**ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)**

| C | Si | Mn | P | S | Cr | Ni |
|------|----|-----|------|-------|------|----|
| 0.02 | 4 | 1.7 | 0.02 | 0.006 | 19.5 | 13 |

PROPRIÉTÉS MÉCANIQUES

| Heat Treatment | R _{P0.2} (MPa) | R _m (MPa) | A ₅ (%) | Impact Energy (J) ISO-V | | Hardness |
|----------------|-------------------------|----------------------|--------------------|-------------------------|--|----------|
| | | | | RT | | |
| As Welded | 520 | 780 | 30 | 55 | | HRc |

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1, M12



CEWELD AA 4361

AA 4361 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720682050149 |