

NST Carbomig 3N

AWS: A5-18/SFA5.18: ER70S-6

EN ISO 14341-A: G 42 2 C1 G4Si1

EN ISO 14341-A: G 46 3 M21 G4Si1



Solid wire for welding of mild and high strength steels.

General description:

NST Carbomig3N is a copper coated solid (SG3) wire for MIG/MAG welding of unalloyed steels with CO₂ or Argon/CO₂ mixed shielding gas.

The wire is suitable for welding in a wide range of welding currents with excellent appearance.

Low spatter CO₂ performance, and excellent wire feeding capability.

Welding positions:



Welding current:

DC+

Gas flow:

12-20 l/min.

Typical chemical composition of welding wire:

C	Si	Mn							
0,08	1,00	1,75							

Type of gas:

Ar/CO₂ or CO₂.

Mechanical properties of all-weld-metal:

Yield and Tensile Strengths			Charpy Impact Test	
Yield Mpa	Tensile Mpa	Elongation %	Charpy V (J) -30 °C (M21)	Charpy V (J) -20 °C (Co ²)
C1≥420/M21≥460	500-640/530-680	≥22	≥47	≥47

Guidance - Ampere (DC+):

Wire diameter			
Ampere / Volt			

Packaging information:

0,8mm x 15Kg + drum Ø51cm
1,0mm x 15Kg + drum Ø51cm
1,2mm x 15Kg + drum Ø51cm

Approvals:

TÜV, CE

Reference / date:

NST Carbomig3N,
English, 29.04.2016.