CEWELD Nicro 602 CA Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based filler metal against extreme temperature conditions.

ANWENDUNGEN

Welding similar alloys that have to resist extreme high temperature and for cladding steels or stainless steels to obtain a high temperature resistant surface against oxidation.

EIGENSCHAFTEN

Excellent welding properties with high build-up capacity and low dilution rate. Excellent resistance against temperature cycling conditions up to 1200°C and carburized medias. Excellent fatigue strength and creep properties.

KLASSIFIKATION

AWS	A 5.14: ERNiCrFe-12
EN ISO	18274: S Ni 6025(NiCr25Fe10AlY)
W.Nr.	2.4649
F-nr	43
FM	6

GEEIGNET FÜR

Cladding against high temperature, radiant heater tubes, furnace rolls, muffles in bright annealing furnaces (H2 atmosphere), rotary kilns, pipe hangers, waste gas components, hydrogen production, methanol and ammonia synthesis, 1.4767, 2.4633, 2.4649, NiCr25FeAlY, Nicrofer 6025 HT, Alloy 602CA, UNS N06025, Centralloy HTE

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	Cr	Ni	Ti	Fe	Al
0.2	0.4	0.4	25	65	0.15	10	2

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	785	959	15	60	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

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NICRO 602 CA TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663418364

NICRO 602 CA TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663418371

NICRO 602 CA TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663418388