

CEWELD Nicro FM 53MD Tig



ТҮРЕ	Nickel based filler metal against extreme temperature conditions.			
APPLICATIONS	CEWELD NiCro FM 53MD is used for the gas-tungsten-arc and gas-metal-arc welding of INCONEL alloy 693, and the overlaying of carbon steels and stainless steels to provide a nickel-chromium-aluminum alloy corrosion resistant surface.			
PROPERTIES	Excellent welding properties with high build-up capacity and low dilution rate. Excellent resistance against temperature cycling conditions exceeding 1200°C and carburized medias. Excellent fatigue strength and creep properties. The high chromium and aluminum levels provide excellent resistance to metal dusting in chemical and petrochemical applications. The product also provides excellent resistance to carburization, sulfidation, and other high temperature corrosion forms 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.			
CLASSIFICATION	AWS A 5.14: ERNiCrFeAl-1 EN ISO 18274: S Ni 6693(NiCr29Fe4Al3) F-nr 43 FM 6			
SUITABLE FOR	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, Inconel alloy 693			
APPROVALS	CE			
WELDING POSITIONS	PA PB PC PD PE PF PG			
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C Si Mn Cr Ni Nb Fe Al Nb+Ta			
	0.1 0.4 0.8 30 60 2 4 3.5 2			
ALL WELD MECHANICAL PROPERTIES	HeatR P0,2RmA5TreatmentMPaMPa(%)As Welded /76045			
REDRYING TEMPERATURE	Not required			

GAS ACCORDING EN 14175 I1



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NICRO FM 53MD TIG 2,4 X 914MM	Туре	KG/unit	EANCode
	Tube	4,54	8720663418289