MIG NI263

Classification

ISO 18274 : S-Ni 7263 (NiCr20Co20Mo6Ti2) Material N° : 2.4650

Description & Applications

Solid wire for GMAW of high nickel content alloys resistant to oxidation and temperature as NIMONIC 263.

Main applications: Aeronautical industry.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Fe	Mo	Co	Ti	Al	Ni
0.08	0.25	0.05	20.0	0.7	5.9	20.0	2.15	0.5	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
	630	12

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				Ar + He Ar/He + 0.05% CO_2 18-20 l/min

Ind.10

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