

TECHNICAL DATA

Specification

Material No.: 2.4856

Non-magnetic, corrosion and oxidation resistant material, Nickel-base allot. High strength and toughness in the temperature range cryogenic to 1090

Field of Applications

For welding on heat shields, seawater applications, gas turbine engine ducting, chemical plant instrument and other heat and corrosion affected applications.

Mechanical Properties

Hardness untreated (HRC)	26-30
Tensile Strength Rm (N/mm ²)	880-910
Proof strength Rp 0.2 (N/mm ²)	450-550

Composition in %				
C 0.10 max	Al 0.40	Si 0.50	Mn 0.50	Cr 20.00-23.00
Fe 5.00 max	Mo 8.00-10.00	Ti 0.40	Co 1.00 max	Ni Rest

Compatible Materials:

Inconel 625, Cast iron

Available Sizes:

MA125 Spools: Ø mm 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.8

Rods (500 mm): Ø mm 0.4 / 0.5 / 0.6 / 0.8 / 1.0 / 1.2



EN 10204/3.1 2005 Quality Certified



e-version