



PREMIUM QUALITY ALUMINUM WIRES

Product Specification

RD-4043

Conformances

AWS A5.10 ER 4043
 EN ISO 18273 S Al 4043 (AISI5)
 JIS Z3232 A 4043

Key Features

Silicon-Aluminium filler
 General purpose type filler alloy
 Improved wetting action
 Less crack sensitive bright weld bead
 Excellent when aesthetical outcome is of importance
 Not recommended for the material to be anodized

Available

MIG wire (1.2 mm)
 TIG wire (All sizes)

Shielding Gas

Argon (100%)
 Mixed (Argon+Helium)

Typical Application

All Industrial manufacturing sectors
 Automotive Industry
 Production of Mobile equipment
 Ship Building sector

Weldable Base Materials

Heat-treatable base Alloys,
 6XXX Series Aluminum type :
 6052, 6053 (Illustrative, not-exhaustive list)

Chemical Composition (%)

Si	Fe	Cu	Mn	Mg	Zn	Ti	Be
4.50	Max	Max	Max	Max	Max	Max	Max
6.00	0.60	0.30	0.05	0.05	0.10	0.15	0.0003

Mechanical Properties

Yield Strength (Rp _{0.2})	Tensile Strength (Rm)	Elongation
≥ 40 N/mm ²	≥ 120 N/mm ²	≥ 8%