

SAFRA

Al.Si.5/ER 4043

A.W.S. /
ASTM A5.10: ER 4043

DIN EN ISO 18273:
S Al 4043A-Al Si 5A

DESCRIPTION

Aluminium wires and rods for welding alloys with maximum 2% alloying elements and for aluminium alloys containing up to 7% Si.

Excellent flowability and penetration characteristics. Applications in construction sector and automotive industry.

CHEMICAL COMPOSITION

Al	remainder
Si	4,5 - 6,0
Fe	<0,60
Cu	<0,30
Mn	<0,15
Mg	<0,20
Zn	<0,10
Ti	<0,15
Be	<0,0003
Others each	<0,05
Others tot.	<0,15

MATERIALS TO BE WELDED

Al Si 5 Al Mg Si 0,5 Al Mg Si 0,8 Al Mg Si 1 Al Zn Mg Al Cu Mg
(after anodizing welding will be of a dark grey colour)

SHIELDING GASES FOR GMAW / GTAW

Ar 99,99% min.

MINIMAL VALUES OF THE MECHANICAL PROPERTIES (WELDED METAL)

Tensile strength Rm: 120N/mm²
Yeld strength Rp 0,2: 40N/mm²
Elongation L=5d: 8%

AVAILABLE SIZES

MIG: 6-7 Kg D300 or K300/KS300 Spools

WIRE DIAMETER 0,8 mm 1,0 mm 1,2 mm 1,6 mm 2,0 mm 2,4 mm

10 Kg TIG Carton box (length 1000 mm)

RODS DIAMETER 1,6 mm 2,0 mm 2,4 mm 3,2 mm 4,0 mm 5,0 mm

MINI-MIG 0,5 Kg D100 Spools

DIAMETER OF THE WIRE

0,8 mm - 1,0 mm - 1,2 mm

MORE DIAMETERS AND PACKAGING UPON REQUEST



WWW.SAFRASP.A.IT



DOWNLOAD CATALOG

DO YOU REALLY NEED TO PRINT?
Please consider the environment before printing.
You can [download pdf catalog](#) for offline reference.



Print this page