

RAAJMIG 4043

CLASSIFICATION : AWS/SFA-5.10 ER4043, ISO 18273, S AI4043

CHARACTERISTICS : ER 4043 is a general-purpose type aluminum welding wire. It is one of the oldest and most widely used welding and brazing alloys. This aluminum alloys contains silicon additives, which result in improved fluidity (wetting action) of the weld

Pool and also produces a weld less sensitive to cracking. Its bright weld finish makes it a popular choice of welders. ER 4043 can be used to weld various grades of aluminum.

APPLICATION : For welding 6xxx alloys and most casting alloys automotive components such as frame and drive shafts bicycle frames

CHEMICAL COMPOSITION % TYPICAL WIRE

Al	Si	Fe	Cu	Mn	Mg	Zn	Ti
Bal	4.5-6.0	max0.6	max0.03	max0.05	max0.05	max0.1	Max 0.2

MECHANICAL PROPERTIES TYPICAL ALL WELD METAL

	Shielding GAS	Condition	Yield strength N/mm2	Tensile strength N/mm2	Elongation %
TYPICAL VALUE	100%Ar	AW	20-40	120-165	3-18

DIA MM		PACKING TYPE PLASTIC SPOOL		WEIGHT/SPOOL		
0.80MM	0.030"	DIN 100	DIN 200	1 LBS	5 LBS	---
1.0MM	0.040"	DIN 100	DIN 200	1 LBS	5LBS	----
1.20MM	0.047"	DIN 100	DIN 200	-----	5 LBS	-----

Size (mm)	Size (inch)	Length (mm)	Length (Inch)	Tube Packing 5 LBS	Box Packing 20 LBS
1.60	1/ 16"	1000	36"	√	√
2.0	5/ 64"	1000	36"	√	√
2.4/ 2.5	3/ 32"	1000	36"	√	√
3.2	1/ 8"	1000	36"	√	√

Customer packing on request