

## CHARACTERISTICS

- 1, Wets and flow better
- 2, Less crack sensitive
- 3, Bright weld bead

## TYPICAL APPLICATIONS

- 1, Bicycles, trucks, trailers
- 2, Automotive parts
- 3, Equipment

### CLASSIFICATION

AWS A/SFA 5.10 ER4043  
EN ISO18273 S Al 4043 (AlSi5)

### WELDING POSITIONS (ISO/ASME)



### EQUIVALENT TO

SIZE	AMPS
0.8mm	60-170A
0.9mm	70-190A
1.0mm	90-210A
1.2mm	140-260A

### CHEMICAL COMPOSTIONS (Wt%), ALL WELD METAL, TYPICAL

Cu	Fe	Mn	Mg	Si
0.03	0.11	0.006	0.01	4.91

### AVAILABLE SIZES (DIA.)

0.8mm/0.9mm/1.0mm/1.2mm/1.6mm

### PACKAGING DETAILS

0.5/2/6/7kg Spools

### CURRENT TYPE

(MIG:DC+ TIG:AC)

### MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Shielding Gas	Yield Strength (mpa)	Tensile Strength (mpa)	Elongation(%)
AW	100% Ar	144	208	10

Note:  
Shielding gas: 100% Ar Gas speed 15-25L/Min.

