

Lincolnweld® 880

Key Features

- Can be used for both joining and hardfacing
- Optimal bead appearance when used with solid low alloy steel electrodes with a minimum of 0.20% silicon
- Use with both solid and flux cored wires

Typical Applications

- Applications requiring smooth bead appearance
- Hardfacing applications

Conformances

AS/NZS ISO 14174: S A AS / FB 1

Product Information

Basicity Index: 2.0

Density: 1.4 g/cm³

Recommended Wires

Low Alloy Steel:

Lincolnweld® LA-75, LA-90, LAC-Ni2

Packaging

Package Type	Weight Kg	Part Number
Plastic Bag	22.7	ED027866
Drum	247.2	ED028322

Typical Test Results

Flux / Wire Combination	Weld Condition	Yield Strength MPa	Tensile Strength MPa	Elongation %	Charpy V-Notch J @ °C		AWS Classification A5.17/A5.23
LA-75	As Welded	430	530	30	98	-62	F7A8-ENi1K-Ni1-H8
LA-90	As Welded	540	640	28	61	-40	F8A4-EA2K-A4-H8
LAC-Ni2	As Welded	460	540	29	140	-51	F7A6-ECNi2-Ni2-H8
LAC-Ni2	Stress Relieved	430	540	30	95	-73	F7P10-ECNi2-Ni2-H8