

## EL630

Rev. 0 Issue Date: 07-05-2020

**Product Specification:**

Nickel-based brazing filler alloy

**Product features:**

it is a nickel-silicon-boron-iron brazing alloy at low working temperature. It produces joints resistant even to high working temperatures of the component and excellent resistance to oxidation, corrosion and abrasion even on thick sections of stainless steel. Typical applications include components for engines, turbines, chemical treatment and nuclear (not exposed to radiation) equipment that require lower brazing / heat treatment temperatures.

**Norm:**

Ni 630

ISO 17672:2016

**Chemical Composition:**

Element:	Unit:	Min %	Max %
Si	%	4.00	5.00
B	%	2.75	3.50
Fe	%	0.00	0.50
Ni	%	90.50	92.50

**Physical Properties:**

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**Melting range:** 980 - 1040 (°C)

**Tensile strength:** 380 - 395 (MPa)

**Surface Preparation:**

Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants.

**Precautions:**

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product. For technical assistance, please call +39 0922 871694. FOR INDUSTRIAL USE ONLY.

**Warranty:**

Linbrazze will not replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

**Disclaimer:**

All information on this data sheet is based on laboratory testing and is not intended for design purposes. LINBRAZE makes no representations or warranties of any kind concerning this data.