

## EL710

Rev. 0 Issue Date: 01-04-2020

**Product Specification:**

Nickel-based brazing filler alloy

**Product features:**

This brazing alloy is suitable for brazing high strength joints and is resistant to high temperatures and corrosion. The ductility of the joint to be brazed can be improved by a prolonged stay at the melting temperature. It is recommended for brazing iron, nickel, cobalt such as EGR coolers for automotive and domestic or industrial applications. Good sliding properties with low diffusibility and is suitable for parts in contact with food.

**Norm:**

Ni 710

ISO 17672:2016

**Chemical Composition:**

| Element: | Unit: | Min % | Max % |
|----------|-------|-------|-------|
| Cr       | %     | 13.00 | 15.00 |
| P        | %     | 9.70  | 10.50 |
| Si       | %     | 0.00  | 0.10  |
| Fe       | %     | 0.00  | 0.20  |
| Ni       | %     | 74.50 | 76.50 |

**Physical Properties:**

**Physical Properties:** 980 (°C)

**Melting range:** 890 - 890 (°C)

**Tensile strength:** 540 - 550 (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.