

EL661

Rev. 0 Issue Date: 20-04-2017

Product Specification:

Nickel-based brazing filler alloy

Product features:

it is suitable for brazing nickel, chromium or iron base metals. Some applications include highly stressed sheet metal components, jet engine parts, and assemblies used in corrosive conditions. The alloy has a lower silicon content than BNi-5 but is still a good choice for narrow, deep or honeycomb joints.

Norm:

Ni 661

ISO 17672:2016

Chemical Composition:

| Element: | Unit: | Min % | Max % |
|----------|-------|-------|-------|
| Cr | % | 14.50 | 15.50 |
| Si | % | 7.00 | 7.50 |
| B | % | 1.10 | 1.60 |
| Fe | % | 0.00 | 1.00 |
| Ni | % | 74.00 | 77.00 |

Physical Properties:

Physical Properties: 1150 (°C)

Melting range: 1030 - 1125 (°C)

Tensile strength: 450 - 470 (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.