



EL700

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Product Specification:

Nickel-based brazing filler alloy

Product features:

is a low temperature eutectic nickel based brazing alloy, mainly used in applications that require high strength and resistance to oxidation. The composition makes it suitable for brazing nickel, super alloys and other components that require good joint resistance at high temperatures with excellent corrosion and oxidation resistance. This alloy is boron-free and is therefore suitable for use in some nuclear applications.

Norm:

Ni 106

ISO 17672:2016

Chemical Composition:

Element:	Unit:	Min %	Max %
Ni	%	88.00	90.00
P	%	10.00	12.00

Physical Properties:

Physical Properties:	880 (°C)
Melting range:	875 - 875 (°C)
Tensile strength:	430 - 450 (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.