

SILVALOY® 752 **(SILVALOY® Z-75)**

NOMINAL COMPOSITION

Silver	75.0% ±1.0%
Zinc	Remainder
Other Elements (Total)	0.15% Max

PHYSICAL PROPERTIES

Color	White
Melting Point (Solidus)	1300°F (705°C)
Flow Point (Liquidus)	1345°F (730°C)
Brazing Temperature Range	1345°F - 1610°F (730°C - 877°C)
Specific Gravity	9.39
Density (Troy oz/in ³)	4.95
Electrical Conductivity (%IACS) ⁽³⁾	N/A
Electrical Resistivity (Microhm-cm)	N/A

⁽³⁾ IACS = International Annealed Copper Standard

PRODUCT USES

Silvaloy 752 is generally used to join iron and nickel base material assemblies that come into contact with ammonia (NH₃).

PROPERTIES OF BRAZED JOINTS

The properties of a brazed joint are dependent upon numerous factors including base metal properties, joint design, metallurgical interaction between the base metal and the filler metal.

AVAILABLE FORMS

Wire.

SPECIFICATIONS

Silvaloy 752 alloy conforms to the following specifications: N/A

APPLICABLE PRODUCT CODE(S)

The applicable Lucas-Milhaupt product code(s) for this technical data sheet: 32-752, 281

SAFETY INFORMATION

The operation and maintenance of brazing equipment or facility should conform to the provisions of American National Standard (ANSI) Z49.1, "Safety in Welding and Cutting". For more complete information refer to the Material Safety Data Sheet for Silvaloy 752.

WARRANTY CLAUSE

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