

## Williams Advanced Alloys Wambraze<sup>™</sup> WB894 Solder

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy , Solder/Braze Alloy

## Material Notes:

High-purity vacuum cast materials are manufactured by Williams in a variety of solder alloys, including gold brazing alloys for electronic packaging and high temperature joining vacuum electronic devices. All Williams solder alloys and gold brazing alloys are available in a variety of shapes and forms, including ribbon, preform, rod, ring, wire, and custom shapes. Powders are available in select WAMBRAZE<sup>™</sup> alloys. Trace Impurities for Brazing Alloys:C: 50 ppm maxP and Pb\*: 20 ppm maxCa\*, Cd\*, Cs\*, Li\*, Mg\*, Na\*, Rb\*, S\*, Sb\*, Se\*, Sr\*, Te\*, Ti\*, Zn\*: each 10 ppm maxTotal\* 100 ppm maxHg: None detectedInformation provided by Williams Advanced Alloys

## Order this product through the following link: http://www.lookpolymers.com/polymer\_Williams-Advanced-Alloys-Wambraze-WB894-Solder.php

| Thermal Properties | Metric       | English        | Comments |
|--------------------|--------------|----------------|----------|
| Melting Point      | 772 - 894 °C | 1420 - 1640 °F |          |
| Solidus            | 772 °C       | 1420 °F        |          |
| Liquidus           | 894 °C       | 1640 °F        |          |

| Component Elements Properties | Metric      | English | Comments |  |
|-------------------------------|-------------|---------|----------|--|
| Copper, Cu                    | <b>42</b> % | 42 %    |          |  |
| Nickel, Ni                    | 2.0 %       | 2.0 %   |          |  |
| Silver, Ag                    | 56 %        | 56 %    |          |  |

| Descriptive Properties | Value                 | Comments |  |
|------------------------|-----------------------|----------|--|
| AWS/AMS Numbers        | AWS BAg-13a; AMS 4765 |          |  |
| Compare To:            | Nicusil 8             |          |  |

## Contact Songhan Plastic Technology Co.,Ltd.

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