

## Williams Advanced Alloys Wambraze™ WB1005 Solder

Category : Metal , Nonferrous Metal , Copper Alloy , Precious Metal , Gold 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™ 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 detected Information provided by Williams Advanced Alloys

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Williams-Advanced-Alloys-Wambraze-WB1005-Solder.php](http://www.lookpolymers.com/polymer_Williams-Advanced-Alloys-Wambraze-WB1005-Solder.php)

Thermal Properties	Metric	English	Comments
Melting Point	985 - 1005 °C	1810 - 1841 °F	
Solidus	985 °C	1810 °F	
Liquidus	1005 °C	1841 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	62.5 %	62.5 %	
Gold, Au	37.5 %	37.5 %	

Descriptive Properties	Value	Comments
AWS/AMS Numbers	AWS BAu-1	

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