

Wieland 1604 Wilaform Gold

Category : Metal , Nonferrous Metal , Precious Metal , Gold Alloy

Material Notes:

Rose gold for all kinds of decoration manufacturing Applications: casting, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1604-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	15.3 g/cc	0.553 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	150	150	HV5; glowd
Tensile Strength, Ultimate	550 MPa	79800 psi	
Elongation at Break	40 %	40 %	

Thermal Properties	Metric	English	Comments
Melting Point	870 - 890 °C	1600 - 1630 °F	
Solidus	870 °C	1600 °F	
Liquidus	890 °C	1630 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	15 %	15 %	
Gold, Au	75 %	75 %	
Other	0.60 %	0.60 %	
Silver, Ag	9.4 %	9.4 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	990 - 1190 °C	1810 - 2170 °F	

Descriptive Properties	Value	Comments
Color	rose 4N	

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