

## Wieland 1601 Wilaform Gold

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

**Material Notes:**

Soft yellow gold alloy, ideally for the production of strongly deformed parts in decoration manufacturing and for metal coinage. Applications: casting, chains, coin/shape, laminar decoration, pipes, tubingDental

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wieland-1601-Wilaform-Gold.php](http://www.lookpolymers.com/polymer_Wieland-1601-Wilaform-Gold.php)

Physical Properties	Metric	English	Comments
Density	15.7 g/cc	0.567 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	90	90	HV5; glowed
Tensile Strength, Ultimate	300 MPa	43500 psi	
Elongation at Break	45 %	45 %	

Thermal Properties	Metric	English	Comments
Melting Point	920 - 950 °C	1690 - 1740 °F	
Solidus	920 °C	1690 °F	
Liquidus	950 °C	1740 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	6.0 %	6.0 %	
Gold, Au	75 %	75 %	
Silver, Ag	19 %	19 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1050 - 1150 °C	1920 - 2100 °F	

Descriptive Properties	Value	Comments
Color	yellow	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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