

## Wieland 1001 Wilaform Gold

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

### Material Notes:

Hard 333/standard yellow gold alloy. Particularly suited for strongly stressed parts.Applications: casting, laminar decoration, pipes, tubingDental

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wieland-1001-Wilaform-Gold.php](http://www.lookpolymers.com/polymer_Wieland-1001-Wilaform-Gold.php)

Physical Properties	Metric	English	Comments
Density	10.8 g/cc	0.390 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	140	140	HV5; glowed
Tensile Strength, Ultimate	400 MPa	58000 psi	

Thermal Properties	Metric	English	Comments
Melting Point	780 - 870 °C	1440 - 1600 °F	
Solidus	780 °C	1440 °F	
Liquidus	870 °C	1600 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	40.71 %	40.71 %	
Gold, Au	33.3 %	33.3 %	
Silver, Ag	14 %	14 %	
Zinc, Zn	11.99 %	11.99 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	970 - 1070 °C	1780 - 1960 °F	

Descriptive Properties	Value	Comments
Color	yellow	

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

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