

Wieland 3011 Wilaform Silver

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy

Material Notes:

Universally applicable silver alloy Applications: casting, chains, coin/shape, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-3011-Wilaform-Silver.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|--------------------------|----------|
| Density | 10.2 g/cc | 0.368 lb/in ³ | |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|---------|-----------|------------|
| Hardness, Vickers | 80 | 80 | HV5; glowd |
| Tensile Strength, Ultimate | 320 MPa | 46400 psi | |
| Elongation at Break | 25 % | 25 % | |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------------|----------------|----------|
| Melting Point | 780 - 840 °C | 1440 - 1540 °F | |
| Solidus | 780 °C | 1440 °F | |
| Liquidus | 840 °C | 1540 °F | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| Copper, Cu | 16.5 % | 16.5 % | |
| Silver, Ag | 83.5 % | 83.5 % | |

| Processing Properties | Metric | English | Comments |
|------------------------|---------------|----------------|--------------|
| Processing Temperature | 600.0 °C | 1112 °F | Cuvette Temp |
| Casting Temperature | 940 - 1040 °C | 1720 - 1900 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | white | |

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