

| | | |
|--|----------------------|---------------|
| Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com | Material data | WKD – 175.585 |
| | | Date: 05/2014 |

| | | |
|-----------------|-----------------|----------------------|
| Alloy | Au 585 | |
| Item – no. | 175-585 | |
| Colour | rich yellow | |
| Precious metals | Au 58,5 Ag 10,0 | [%] |
| Density | 13,0 | [g/cm ³] |
| Melting range | 825 – 855 | [°C] |

| | | |
|-----------------------|-----------------|-------|
| Properties | soft - annealed | |
| Annealing temperature | 600 | [°C] |
| Hardness | 140 | [HV] |
| Tensile strength | 480 | [MPa] |
| Yield point | 350 | [MPa] |
| Elongation | 28 | [%] |

| | | |
|-----------------------------|-------------|------|
| Casting of jewellery | | |
| Flask temperature | approx. 600 | [°C] |
| Casting temperature | 955 – 1055 | [°C] |
| Hardness | 140 | [HV] |

Portrait of alloy

- Gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Excellent workability for jewellery fabrication