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| Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com | Material data | WKD – 120.585 |
| | | Date: 05/2014 |

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|-----------------|-----------------|----------------------|
| Alloy | Au 585 | |
| Item – no. | 120-585 | |
| Colour | light yellow | |
| Precious metals | Au 58,5 Ag 41,0 | [%] |
| Density | 14,4 | [g/cm ³] |
| Melting range | 1010 – 1045 | [°C] |

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|-----------------------|-----------------|-------|
| Properties | soft - annealed | |
| Annealing temperature | 600 | [°C] |
| Hardness | 60 | [HV] |
| Tensile strength | 250 | [MPa] |
| Yield point | 120 | [MPa] |
| Elongation | 35 | [%] |

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|-----------------------------|-------------|------|
| Casting of jewellery | | |
| Flask temperature | approx. 600 | [°C] |
| Casting temperature | 1145 – 1245 | [°C] |
| Hardness | 60 | [HV] |

Portrait of alloy

- Soft gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Excellent workability for jewellery fabrication
- Hardness as-delivered of ring blanks for wedding rings: approx. 120 HV