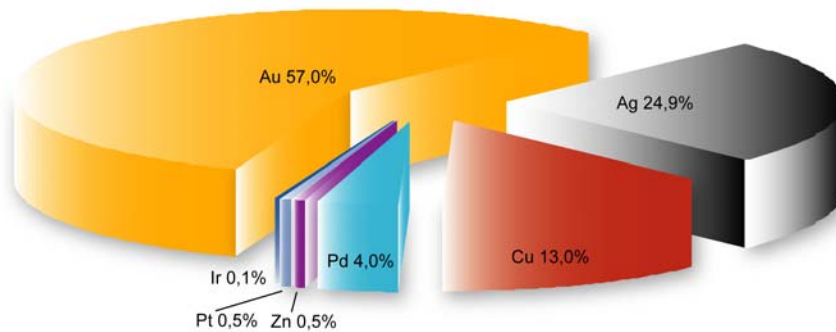


## Technical Data Sheet CEHADENTOR® 2

**Content:**

<b>Au</b>	57,0	<b>Pt</b>	0,5
<b>Ag</b>	24,9	<b>Zn</b>	0,5
<b>Cu</b>	13,0	<b>Ir</b>	0,1
<b>Pd</b>	4,0		



<b>NORM:</b>	DIN EN ISO 22674
<b>Type:</b>	5
<b>Colour:</b>	yellow
<b>Melting range °C:</b>	905-870
<b>Vickers hardness (HV 5/30):</b>	s: 170 h: 260 c/f: 260
<b>0,2% Yield strenght (MPa):</b>	s: 335 h: 745 c/f: 700
<b>Elongation (%):</b>	s: 30 h: 6 c/f: 10
<b>Softening:</b>	15 min at 750 °C / quench in water
<b>Hardening:</b>	15 min at 450 °C / air
<b>Pre-heating temperature °C:</b>	700
<b>Casting temperature °C:</b>	1040
<b>Heating after melting (s):</b>	electric: 15 - 20 inductive: 5 - 8 flame: 5 - 8
<b>Density g/cm<sup>3</sup>:</b>	14,2
<b>Solders:</b>	Orplid Lote 825, 790, 760

## Processing Guide CEHADENTOR® 2

**Applying of casting sprues:** according to dental norms (see general operating instruction)

**Investing:** phosphate bonded investings (Cehacast P or Cehacast Speed)

**Pre-heating:** 700 °C, 30 to 120 min at end temperature, corresponding to muffle size

**Casting:** 1040 °C, graphite crucible resp. at open flame with ceramic crucible

**Trimming:** with carbide milling and/or ceramical bonded abrasives

**Cleaning:** ultrasonic cleaning or steaming with steam device

**Soldering:** Orplid Lote 825, 790, 760

**Proof of conformity:**



Please find results of the extensive analysis of bio-compatibility online at [www.c-hafner.de](http://www.c-hafner.de)

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