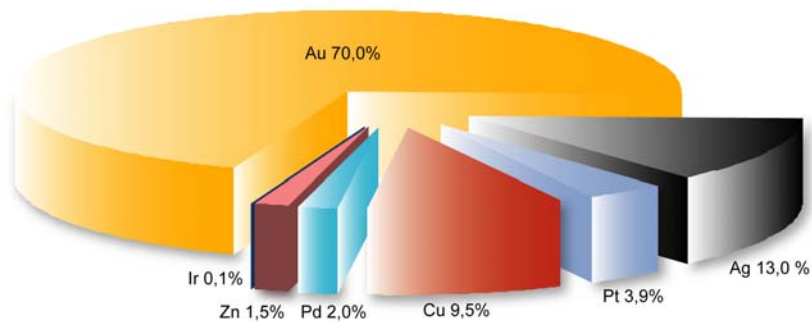


## Technical Data Sheet ORPLID® H

**Content:**

<b>Au</b>	70,0	<b>Pt</b>	3,9
<b>Pd</b>	2,0	<b>Ag</b>	13,0
<b>Cu</b>	9,5	<b>Ir</b>	0,1
<b>Zn</b>	1,5		



<b>Norm:</b>	DIN EN ISO 22674
<b>Type:</b>	5
<b>Colour:</b>	yellow
<b>Melting range °C:</b>	935-895
<b>Vickers hardness (HV 5/30):</b>	s: 170 h: 260 c/f: 250
<b>0,2% Yield strength (MPa):</b>	s: 385 h: 640 c/f: 600
<b>Elongation (%):</b>	s: 20 h: 9 c/f: 12
<b>Softening:</b>	15 min at 700 °C/quench in water
<b>Hardening:</b>	15 min at 400 °C/air
<b>Pre-heating temperature °C:</b>	700
<b>Casting temperature °C:</b>	1070
<b>Heating after melting (s):</b>	electric: 15 - 20 inductive: 5 - 8 flame: 5 - 8
<b>Density g/cm<sup>3</sup>:</b>	15,4
<b>Solders:</b>	Orplid Solders 825, 790, 760

