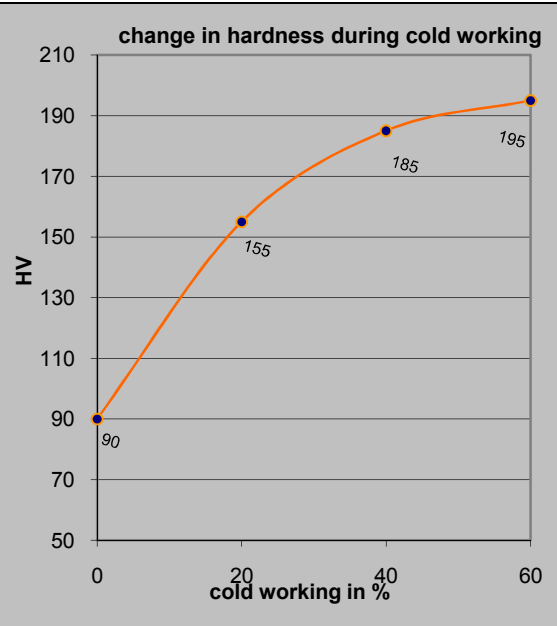


Product Data Sheet

500/48 PdAg

Density:	11,1g/cm ³
Joining Technology:	Schweißen/Löten
Melting Range (in °C):	1200 - 1280 °C
Casting temperature (in °C):	1350 - 1400 °C
Cuvette temperature (in °C):	600 - 800 °C
Hardness HV5	
Annealed, recrystallized:	90
Cast, original state:	85
Tensile strength R _m :	410[N/mm ²]
Yield strength R _{p0,2} :	280[N/mm ²]
Elongation:	50%



The casting hardness can be increased through cold working.
Values may be taken from the diagramm

Suitable solders and fluxes			
Solders	Temp. (in°C)	flux	colour
Pt L3	1100	Platinclean	grey white
750/WG L3	800	Platinclean	grey white