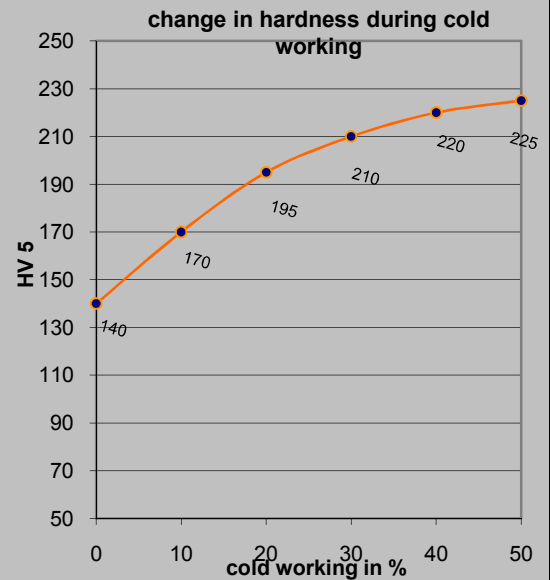


Product Data Sheet

585/30 AuAg yellow

Density:	13,9g/cm ³
Joining Technology:	Soldering
Melting range (in °C):	850 - 890
Casting temperature (in °C):	1040 -
Cuvette temperature (in °C)	600 - 650
Hardness HV5	
Annealed, recrystallized	140
Cast, original state	160
Tensile strength R _m :	500[N/mm ²]
Yield strength R _{p0,2} :	300[N/mm ²]
Elongation:	30%



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

Suitable solders and fluxes			
Solders	Temp. (in°C)	flux	colour
585 L1	780	flux t	light yellow
585 L2	720	flux t	light yellow
585 L3	670	flux h	light yellow
585 L1 cdf	800	flux B	light yellow
585 L2 cdf	760	flux t	light yellow
585 L2 cdf	730	flux t	light yellow