

## TECHNICAL DATA SHEET

### L14RS - 585 ‰

Soldering sheets alloy ready to use for the production of red 585 ‰ gold jewellery. This alloy is categorized as a soft soldering.

TAB.1 - Mechanical data

Hardness as cast	n.d.
Hardness hardened	n.d.
Tensile strength	n.d.
Yield strength	n.d.
Elongation	n.d.

TAB.2 - Physical data

Color	red
Colour Coordinates	n.d.
Density	14.9 g/cm <sup>3</sup>
Melting Range	Solidus: n.d. °C Liquidus: 820 °C

TAB.3 - Heat treatments

Solution annealing	n.d.
Recrystallization Annealing	n.d.
Hardening	n.d.

TAB.4 - Mechanical working parameters

Premelting temperature		910	°C
Casting Temperature	Min:	860	°C
	Max:	960	°C
First thickness reduction	Lamination:	20	%
	Drawing:	10	%
Following thickness reductions	Lamination:	30	%
	Drawing:	15	%
Pickling after annealing	H2SO4:	20	%
	Temp:	50	°C
	Time:	5	min