

Technical Product Information

ELSOLD Low Temperature Alloys

Alloys with melting range below 150 °C, other alloys available on request

Alloy	Melting point/-range		Density [g/cm ³]	Form Solid	Lead containing
	Solidus [°C]	Liquidus [°C]			
In100	156.7	156.7	7.31	■	
Sn53Pb37Bi10	150	168	8.65	■	■
In80Pb15Ag5	149	150	7.85	■	■
In97Ag3 - Eutectic	144	144	7.38	■	
Sn43Pb43Bi14	144	163	8.99	■	■
Bi58Sn42 - Eutectic	138	138	8.57	■	
Sn54Pb26In20	136	152	8.05	■	■
Bi56Pb44	125	150	10.43	■	■
In51Sn49 - Eutectic	120	120	7.3	■	
Sn58In42	118	145	7.3	■	
Sn50In50	118	125	7.3	■	
In52Sn48 - Eutectic	117	117	7.3	■	
Bi55Pb44Sn1	117	120	10.4	■	■
Bi67In33	109	109	8.8	■	
Bi50Pb31.3Sn18.7 Eutectic	96	96	9.7	■	■
Bi50Sn25Pb25 <i>Rose's Metal</i>	96	98	9.32	■	■
Bi50Pb30Sn20 <i>Lichtenberg's Metal</i>	96	98	9.70	■	■
Bi57In26Sn17 - Eutectic	78.9	78.9	8.54	■	
In66Bi34	73	75	8.0	■	
In51Bi33Sn16 - Eutectic	60	60	7.88	■	
Bi49In21Pb18Sn12 Eutectic	58	58	9.0	■	■
Other alloys on request					