

SILVER BRAZING FILLER METALS WITH CADMIUM BEARING

SILVER BRAZING ALLOYS	CHEMICAL COMPOSITION				JIS SPEC CLASS	REFERENCE DATA		DENSITY kg/cm ³
	AG	CU	ZN	CD		SOLIDUS	LIQUIDUS	
						°C	°C	
CI-501	50	15.5	16.5	18	BAG-1A	625	635	9.5
CI-451	45	15	16	24	BAG-1	605	620	9.4
CI-421	42	17	17	24		620	650	9.5
CI-351	35	26	21	18	BAG-2	605	700	9.2
CI-301	30	27	23	20	BAG-2A	610	710	9.2
CI-251	25	35	27	13	BAG-27	620	745	8.8
CI-201	20	40	25	15		605	765	8.8
CI-181	18	39	28	15		640	745	8.7
CI-121	12	50	31	7		630	800	8.3
CI-5009	50	15.5	15.5	CD-16 NI-3	BAG-3	630	690	9.4
MAIN USE	Spectacle frame, electric machines, tools, construction material, brass alloy, other heterogeneous metals, steel heat exchanger, cold and warm air conditioners, shipbuilding, precision instruments, etc.							

SILVER BRAZING FILLER METALS WITH FREE CADMIUM

SILVER BRAZING ALLOYS	CHEMICAL COMPOSITION				JIS SPEC CLASS	REFERENCE DATA		DENSITY kg/cm ³
	AG	CU	ZN	OTHER ELEMENTS		SOLIDUS	LIQUIDUS	
						°C	°C	
CI-925	92.5	7.5			BAG-19	760	890	10
CI-721	72	28			BAG-8	780	780	10
CI-601	60	23	17			675	695	9.8
CI-562	56	22	17	SN-5	BAG-7	620	650	9.5
CI-452	45	27	25	SN-3	BAG-36	675	745	9.2
CI-402N1	40	30	28	NI-2	BAG-4	640	700	9.1
CI-402Sn	40	30	28	Sn-2	BAG-28	649	710	9.3
CI-407	40	30	25	IN-5		635	715	9.3
CI-382	38	32	28	Sn-2	BAG-34	649	721	9.3
CI-352	35	32	31	SN-2		660	740	9
CI-302	30	36	32	SN-2		655	755	8.8
CI-252	25	40	33	SN-2	BAG-37	685	770	8.7
CI-051	5	55	39.8	SI-0.2		820	870	8.3
CI-4553	45	26	21	IN-5 NI-3		665	685	
CI-4900	49	16	23	MN-7.5 NI-4.5	BAG-22	680	705	8.9
MAIN USE	Ultrahard alloy joint, cutting tools, Cutters, tungsten Steel, high speed Steel, etc. Because the cadmium is a poisonous metal, therefore our design is that it contains no cadmium for being applied to food wares, medical equipment, chemical equipment etc.							