



## COMPOSIÇÃO

### LIGAS DE PRATA COM CÁDMIO

Tipo	Ag	Cu	Zn	Cd	Intervalo de fusão (°C)	Resistência tração N/mm <sup>2</sup>	Temperatura de trabalho (°C)	Norma AWS A5.8/2011
AG 15	14,0 - 16,0	42,0 - 44,0	Resto	11,0 - 13,0	700-780	-	770	
AG 20	19,0 - 21,0	39,0 - 41,0	23,0 - 27,0	13,0 - 17,0	605-765	-	750	
AG 25	24,0 - 26,0	29,0 - 31,0	25,5 - 29,5	16,5 - 18,5	605-720	415	710	BAg-33
AG 30	29,0 - 31,0	27,0 - 29,0	19,0 - 23,0	19,0 - 23,0	600-690	-	680	
AG 35	34,0 - 36,0	25,0 - 27,0	19,0 - 23,0	17,0 - 19,0	610-700	415	700	BAg-2
AG 40	39,0 - 41,0	18,0 - 20,0	19,0 - 23,0	18,0 - 22,0	595-630	-	610	
AG 45	44,0 - 46,0	14,0 - 16,0	14,0 - 18,0	23,0 - 25,0	605-620	450	620	BAg-1

### LIGAS DE PRATA SEM CÁDMIO

Tipo	Ag	Cu	Zn	Sn	Intervalo de fusão (°C)	Resistência tração N/mm <sup>2</sup>	Temperatura de trabalho (°C)	Norma AWS A5.8/2011
AG 20	19,0 - 21,0	43,0 - 45,0	34,0 - 38,0	-	690-810	380	810	
AG 25	24,0 - 26,0	39,0 - 41,0	32,0 - 34,0	1,5 - 2,5	680-760	360	750	BAg-37
AG 30	29,0 - 31,0	35,0 - 37,0	30,0 - 34,0	1,5 - 2,5	665-755	360	740	BAg-20
AG 40	39,0 - 41,0	29,0 - 31,0	26,0 - 30,0	1,5 - 2,5	650-710	350	690	BAg-28
AG 45	44,0 - 46,0	26,0 - 28,0	23,5 - 27,5	2,5 - 3,5	640-680	350	670	BAg-36
AG 56	55,0 - 57,0	21,0 - 23,0	15,0 - 19,0	4,0 - 6,0	620-655	350	650	BAg-7
AG 60	59,0 - 61,0	Resto	-	9,5 - 10,5	695-730	390	710	BAg-18