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Item # Brazelt A-25, Cadmium Free Brazing Alloys

Brazelt A25 is a low cost alternative to silver brazing alloys with a higher silver content; it has a higher flow point than many other more commonly used alloys and provides moderate ductility.

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Nominal Composition

Silver (Ag)	25
Copper (Cu)	52.5
Zinc (Zn)	22.5
Nickel (Ni)	0
Total Other Elements	.15 max

Specifications

Melting Pt.	1250 °F 675 °C
Flow Pt.	1575 °F 855 °C
MBT ¹	1650
AWS A5.8	
ASME	
AMS	4772
Resale Options ²	Brazing Paste Brazing Rod Brazing Strip Brazing wire
Preform Options	Brazing Discs Brazing Rings Brazing Washers Custom Designs Cut-Offs Edgewounds
Approx. Wire Length (BCuP/ lb.)(BAg/Tr.oz)	280 in @ 0.031 diameter 31 in @ 0.093 diameter 70 in @ 0.062 diameter

¹ Recommended Brazing Temperature

² Brazing Wire & Brazing Strip - Spooling Available
 Brazing Rod - Flux Coating Available

Physical Constants

Density	4.71 T.oz./cu.in.
Color	Brass Yellow

Applications

Less silver than Sil. A-30 at the expense of increased melt temperature and range. Moderate ductility.