

Silver Brazing Alloy J5510S

Composition (wt %)									ISO 17672	AWS
Ag	Cu	Zn	Mn	Ni	Sn	Si	P	Other		
55	21	22	-	-	2	-	-	-	Ag 155	-

Technical data

Density	9,4 g/cm ³
Melting range	630-660 °C
Shear strength	145 N/mm ²
Tensile strength	390 N/mm ²
Recommended joint gap	0,05-0,15 mm
Maximum operating temperature of brazed joint	200 °C

Applications

Silver brazing alloy for general purposes with excellent flow and mechanical properties. Joint strength, however, depends on various factors: type of base metals to be joined, type of joint, joint gap, etc.

The melting range of J5510S is quite narrow and its melting point is lower than most cadmium-free silver brazing alloys.

Heat sources commonly employed are flame or induction heating system.

Standard forms and dimensions

Product	Feasibility
Wire	✓
Strip	✓
Rods	✓
Flux coated rods	✓
Rings	✓

Recommended fluxes

Universal FPA, General FPO, Special FPA.

Note

Silver brazing alloys and dimensions other than those listed in our catalogue are available upon request.

Details included in this technical data sheets are based on our knowledge and experience and are believed to be accurate. All data in this data sheet are merely recommendations and shall not be regarded as an assurance of any properties of the product. *We do not assume any responsibility and make no warranty with respect to the results that may be obtained and the damages that may occur from the use of the information provided.*

Since end use of the product is not under our direct control, it is the user's responsibility to comply with applicable safety and hygiene laws and regulations.