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| STANDARDS | EN ISO 3677/1995..... | B-Ag56CuZnSn 620/655 |
| | Abrégé | AG 102 |
| | DIN 8513 | L-Ag 56 Sn |
| | ISO 17672 | Ag 156Si |

MANUFACTURING SPECIFICATIONS COMPARED TO STANDARD / ISO

| Standard values | ISO 17672 : 2016 - Tolerances | | | | | | | STANDARDS |
|-----------------|-------------------------------------------------------------------|-------------|------------|----------|------------|----|----|-----------|
| | Ag | Cu | Zn | Sn | Si | Ni | Cd | Code |
| Composition % | 55,0<>57,0 | 21,0<>23,00 | 15,0<>19,0 | 4,5<>5,5 | 0,05<>0,25 | | | Ag 156Si |
| Dimensions | Diameter : Extrusion +/- 0,3 mm Drawing +/- 3 % – Length +/- 5 mm | | | | | | | |

Indicative values of the manufacturing specification / Alliages Industries

| Specification Values 556Sn | ALLIAGES INDUSTRIES - Tolerances | | | | | | | Spec AI |
|-------------------------------|---------------------------------------------------------------------------------------|-------------|------------|----------|------------|----|----|---------|
| | Ag | Cu | Zn | Sn | Si | Ni | Cd | Code |
| Composition % | 55,0<>57,0 | 21,0<>23,00 | 15,0<>19,0 | 4,5<>5,5 | 0,05<>0,25 | | | 556Sn |
| Dimensions | Diameter : Extrusion +/- 0,2 mm Drawing +/- 3 % – Length +/- 5 mm – Coating : 0,15 mm | | | | | | | |

Standard chemically tested in the laboratory in accordance with the ISO 17672 standard.
Excluding dimensional tolerances for products not covered by the standard.

PHYSICAL PROPERTIES Rm MPa /mm² 20°C 420
 A % 20°C 30
 Melting interval 620 - 655 °C
 Density..... 9,1

Silicon stabilized alloy, no bubbling. Without Degassing

Manufacturing method Direct extrusion, alloy and flux coating.

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 TDS TO DOWNLOAD ON THE [TDS section](#)

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| REGLEMENTATION | CLP (1272/2008) | : <u>Compliant</u> |
| | Reach | : <u>Compliant</u> |
| | RoHS/CERoHS | : <u>Compliant</u> |
| | DESP | : <u>Compliant</u> |
| | GHS (2007-2011) | : <u>Compliant</u> |
| | ErP-2009 | : <u>Compliant</u> |
| | Todd Frank | : Complies with this date. (see top of page) |

Classification CE N° 1272/2008 CLP**H-Sentences : None****P-Sentences :****P260 - Do not breathe dust/fume/gas/mist/vapours/spray.****P270 – Do not eat, drink or smoke when using this product.****P280 - Wear protective gloves/protective clothing/eye protection/face protection.****P285 – When local ventilation is insufficient, wear respiratory protection.****(provide fume extraction at the soldering station)**