

**540Sn ESF**

STANDARDS	EN ISO 3677/1995.....	B-Ag40CuZnSn 650/710
	Abrégé .....	AG 105
	DIN 8513 .....	L-Ag 40 Sn
	<b>ISO 17672 : 2016 .....</b>	<b>Ag 140Si</b>

**MANUFACTURING SPECIFICATIONS COMPARED TO STANDARD / ISO**

Standard values	ISO 17672 : 2016 - Tolerances							STANDARDS
	Ag	Cu	Zn	Sn	Si	Ni	Cd	Code
Composition %	39,0<>41,00	29,0<>31,0	26,0<>30,0	1,5<>2,5	0,05<>0,25			Ag 140Si
Dimensions	Diameter : Extrusion +/- 0,3 mm Drawing +/- 3 % – Length +/- 5 mm							

**Indicative values of the manufacturing specification / Alliages Industries**

Specification Values 540Sn	ALLIAGES INDUSTRIES - Tolerances							Spec AI
	Ag	Cu	Zn	Sn	Si	Ni	Cd	Code
Composition %	39,0<>41,00	29,0<>31,0	26,0<>30,0	1,5<>2,5	0,05<>0,25			540SnESF
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.

<b>PHYSICAL PROPERTIES</b>	Rm MPa /mm <sup>2</sup> 20°C .....	480
	A % 20°C .....	30°
	Melting interval .....	650 - 710 °C
	Density.....	9.1

**Silicon stabilized alloy, no bubbling. Without Degassing**

Manufacturing method Direct extrusion, alloy and flux coating.

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