

TDS n°141 Rev n°1 23/08/2016 Date of Edition: 11/5/2025

## S 450 Silver Brazing Alloys Cadmium Free

Mechanical & Physical Properties							
Melting Range	C°	640/680					
Recommended Working Temperature	C°	680					
Tensile Strength	Мра	500					
Electrical Conductivity	% IACS	18					
Density	gr/cm³	9,1					
Elongation	%	14					

Specifications		
EN ISO 17672		Ag 145
DIN 8513		L-Ag45Sn
AWS A5.8		B-Ag36
DIN EN 1044		AG 104
EN ISO 3677	Е	3-Ag45CuZnSn-640/680
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Main elements %(min-max)

Ag: 44-46 / Cu: 26-28 / Zn: 23,5-27,5 / Sn: 2-3

Other %

Impurity: 0,15 max

Elongation %

**RoHS Limit ppm** 

Cd (100ppm); Pb / Hg / Cr (1000ppm)

Availability							
Bare rods	Coated Rods	Wire / Coil	Foil	Preforms	Powder	Paste	Flexible Wire
•	•	•	•	•	0	0	•

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