Advanced Brazing Products Ltd.
Bidovce 316
04445 Bidovce, Slovakia
Tel +421 914 234 770
Email sales@advanced-brazing.com
Website https://www.advanced-brazing.com

Technical Data Sheet — ABP 55Sn

ABP 55Sn · EN ISO 17672 Ag 155 · Cadmium-free silver brazing alloy

Field	Value
Product	ABP 55Sn
Document ID	TDS.ABP.55Sn.EN.v1.1
Version	1.1
Effective	2026-10-10
Language	English
Family	Cadmium-free silver brazing alloy

1. Product Identification

Field	Value
EN ISO 17672	Ag 155
ISO 3677	B-Ag55ZnCuSn-630/660
EN 1044	AG 103
DIN 8513	L-Ag55Sn

EN 1044 is withdrawn and superseded by EN ISO 17672; designations shown for cross-reference.

2. Chemical Composition (wt %)

Element	Min.	Max.	Nominal
Silver (Ag)	54.0	56.0	55
Copper (Cu)	20.0	22.0	21
Zinc (Zn)	20.0	24.0	22
Tin (Sn)	1.5	2.5	2

3. Impurity Limits (max. wt %)

Field	Value
Aluminium (Al)	≤ 0.001
Bi	≤ 0.030
Cadmium (Cd)	≤ 0.010
Phosphorus (P)	≤ 0.008
Lead (Pb)	≤ 0.025
Silicon (Si)	≤ 0.05
Total other	≤ 0.15

4. Physical Properties

Field	Value
Melting range	630–660 °C
Working temperature	650 °C
Density	9.4 g/cm³
Tensile strength	390 N/mm²

Composition ranges per the referenced standard; physical data as published by Advanced Brazing Products.

5. Available Forms

Foil

6. Safety

Refer to the Safety Data Sheet (SDS) for handling, personal protective equipment, ventilation and first-aid measures.

7. Sources

EN ISO 17672 / ISO 3677 designations and composition ranges. Advanced Brazing Products published product data (www.advanced-brazing.com). Approved ABP TDS v1.0 data.

Disclaimer

The information herein is believed to be accurate at the time of publication, but Advanced Brazing Products Ltd. makes no warranty with respect thereto. All sales are subject to the General Conditions of Sale and Delivery of Advanced Brazing Products Ltd.