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Technical Data Sheet — ABP X15

ABP X15 · EN ISO 17672 CuP 284 · Silver-bearing copper-phosphorus brazing alloy

Field	Value
Product	ABP X15
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Language	English
Family	Silver-bearing copper-phosphorus brazing alloy

1. Product Identification

Field	Value
EN ISO 17672	CuP 284
EN 1044	CP 102
DIN 8513	L-Ag15P
AWS A5.8	BCuP-5

EN 1044 is withdrawn and superseded by EN ISO 17672; designations shown for cross-reference.

2. Chemical Composition (wt %)

Element	Min.	Max.	Nominal
Copper (Cu)	–	–	80 (rem.)
Phosphorus (P)	4.8	5.2	5
Silver (Ag)	14.5	15.5	15

3. Impurity Limits (max. wt %)

Field	Value
Aluminium (Al)	≤ 0.01
Bi	≤ 0.030
Cadmium (Cd)	≤ 0.010
Lead (Pb)	≤ 0.025
Zinc (Zn)	≤ 0.05
Zn + Cd	≤ 0.05
Total other	≤ 0.25

4. Physical Properties

Field	Value
Melting range	645–800 °C
Working temperature	790 °C
Density	8.4 g/cm³
Tensile strength	250 N/mm²

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

5. Available Forms

Wire, rod, foil and paste · 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).

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