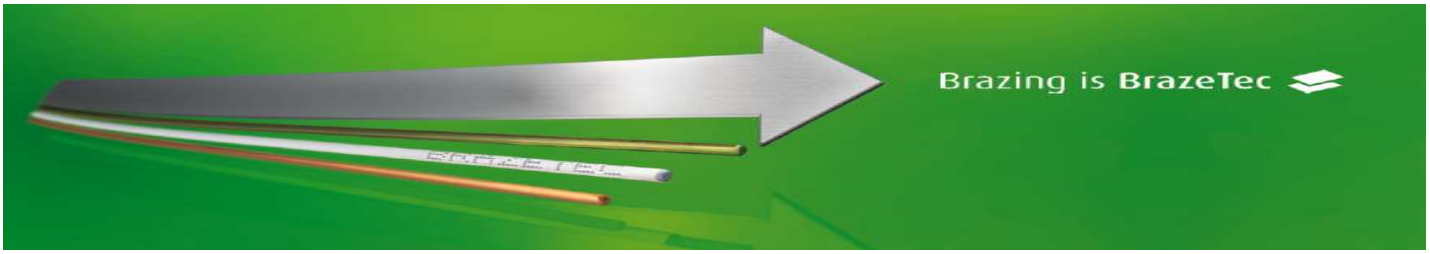
TECHNICAL DATASHEET



Brazing alloy BrazeTec 2576 U

TD EN 2576 U REV. 1

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
25	40	33	2	-	-	-	-	-	Ag 125	AG 108	-

Technical data:

Melting range (°C)	680 - 760
Working temperature (°C)	750
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductibility (m/Ω mm²)	-
Elongation %	-
Density (g/cm^3)	8,7
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with S 235: 360;with E 295: 480
Operating temperature of brazed joint (min/max) ± (°C)	200

Applications
Refrigeration and air conditioning industry, plumbing technology

Operating conditions
Silver based brazing alloy, flux coated. Excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, copper and copper alloys, as well as nickel and nickel alloys.

Recommended fluxes
Flux as coating of the DIN EN 1045 FH 10 rod. Flux residues are corrosive and water-soluble, we suggest to remove them with water and / or mechanical brushing.

Heat sources
Flame, induction heating

Delivery forms
Coated rods

Notes

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