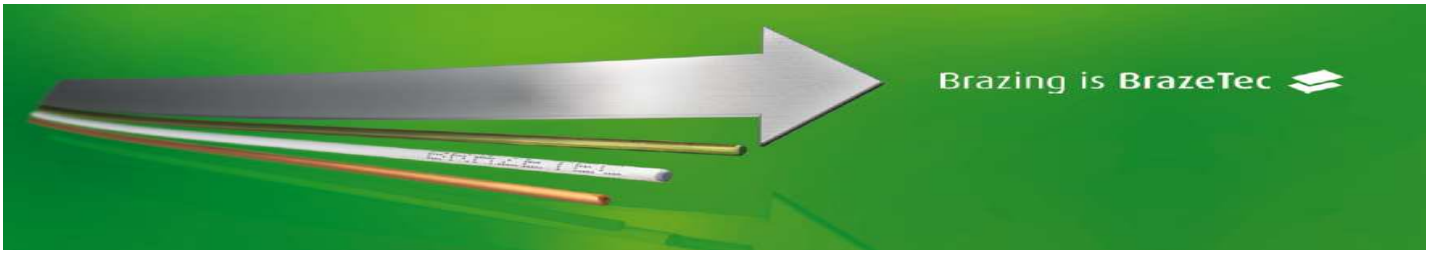
TECHNICAL DATASHEET



Brazing alloy BrazeTec Soldamoll 220

TD EN SLDM220

REV. 2

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
4	-	-	Rest	-	-	-	-	-	-	-	S-Sn96Ag4

Technical data:

Melting range (°C)	221
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductibility (m/Ω mm²)	7,5
Elongation %	-
Density (g/cm^3)	7,3
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	Cu: 30 ; Brass: 20 ; S235: 25
Operating temperature of brazed joint (min/max) ± (°C)	-

Applications
Plumbing technology, electrical industry

Operating conditions
Tin based brazing alloy, free from antimony and lead. Excellent flow, capillarity and mechanical strength characteristics. Used for joining steel, copper and copper alloys, as well as nickel and nickel alloys. Suitable for copper pipes installations for plumbing system.

Recommended fluxes
Soldaflux 7000

Heat sources
Flame, induction heating, resistance

Delivery forms
Wire, rods, ribbon, rings, preforms

Notes-

Italbras S.p.A.
Strada del Balsego, 6 – 36100 Vicenza (I)
info@italbras.it - www.italbras.it -
Tel. +39 0444.3475-00 / Fax +39 0444.3475-01