



SILICON RED BRASS

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn20Al2
European	CuZn20Al2
BS	CZ 110
JIS	C6870
Russian	LAMs77-2-0.05

Excellent hot and cold workability; good forge ability. Fabricated by bending, coining, coppersmith, drawing and upsetting, hot forging and pressing, knurling, roll threading, shearing, spinning, swaging, and stamping.

TYPICAL APPLICATIONS:

Condenser Tube, Evaporator Tubes, Ferrules, Distiller Tubes, Heat Exchanger Tubes

CHEMICAL COMPOSITION

	Cu	Fe	Pb	Si	Zn
Min/Max	80-83	0.2 max	0.3 max	3.5-4.5	Rem

PHYSICAL PROPERTIES

Tensile Strength up to 25mm	550 MPA
Elongation	15% min

SIZES AVAILABLE :

WIRE	1mm TO 8 mm
HOLLOW RODS/BARS	Min Bore Size 20 mm and Max OD 100 mm
ROUND RODS	6mm To 130 mm
HEX	5mm To 60mm
SQUARE	4mm To 60mm
FLAT	5mm Min Thickness and max Width 120mm
PROFILES / SECTIONS	AS per Customer Drawing
BILLETS	Up to 200mm
INGOTS	AS per Specification

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