CZ130

LEADED BRASS

DESCRIPTION

CZ130, Sectional brass, is a significantly improved form of 60/40 brass, with excellent free cutting properties.

CHEMICAL COMPOSITION

Al.		Elements			Min (%)	HANS	Bbg	1	Max (%)	In In
M.	Balthan	Cu	A.	5 US MEIN	55.50	63	6	5 . N	57.50	6 P.S.
		Pb Eller	and Mit	BRITTE	2.50	1 P	S USME	Authentic	3.50	
5	METAN	Al	610 M	6	METHLS	ANS ME	4 ² Mar	<u>,</u>	0.50	NEME
	JHAND	Total Others		MEAL	HANS III-	BUIL	6	WEI AL	0.70	PANHA
	62.	Zn	SWEIME	JHAND	6 P.S.	5	Remainder	HUNST	BULL	5
	C.,		S.	62		1	Nº	20		

MECHANICAL PROPERTIES ACCORDING TO BS2874 (AS PER TEMPER M)

Salle Salle	Range (mm)	From	To	UTS Min (N/mm ²)	PS Min	Elongation Min (%)	Hardness Min	Hardness Max
-5	Sound (Dia)	6.00 📎	75.00	350.00	alt - Ala	20.00	-	all
ME	Hex (A/F)	6.00	70.00	350.00	Ma - blue	20.00	s - method	ANS - PAIN
	Square (A/F)	ى 6.00 ج	60.00	350.00	-	20.00	1AHS M	PB-11
R	Rectangle (Thickness)	6.00	50.00	350.00	.s - "	20.00	68-31-	

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PHYSICAL PROPERTIES

Density	S	AL AND
Melting Point	SMEIN	Althouse
Thermal Conductivity	(JHAN	62.

8.44 g/cm°	
890°C	
109 W/m.K	

FABRICATION PROPERTIES

Technique	Suitability
Soldering	Excellent
Brazing	Good
Oxyacetylene Welding	Not Recommended
Gas Shielded Arc Welding	Not Recommended
Coated Metal Arc Welding	Not Recommended
Spot Weld	Not Recommended
Seam Weld	Not Recommended
Butt Weld	Fair
Capacity for Being Cold Worked	Poor
Capacity for Being Hot Formed	Excellent
Machinability Rating	90
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TYPICAL USES

- > Architecture
- > Builders Hardware
- > Consumer
- > Industrial
- > Ordnance

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