CW718R

MANGANESE BRONZE

DESCRIPTION

CW718 is a special brass with medium strength, high resistance to atmospheric corrosion as well as good sliding properties due to the alloying constituent's manganese and aluminium. CW718R is used as standard bearing alloy for medium load applications in machine construction.

AN WHAT	Elements		2	M	lin (%)	BUT		5	Max (%)	JANS MAL	P3P-JH
60	CU	S SMELL	- Althout	9 A	57.00		5	METAL HA	59.00	2	
1 m	Pb	BUHAN	40		0.20	S	Elle	Willing Bar	0.80	S	M
-UANS MA	Al	6		All M	0.30	BUHAN			ي 1.30	MET	CANHAM
6. P.S.	Fe 😞	MEALS	HANSMA	PIPIPI	-			Set MAS MARSHAR	0.50		
	Mn	HANS	Sun		0.80	METAL	MAL	a. Bulla	1.80		
JS MET	Ni	62.	ALS.	E ME		HANS	68-3.	5	0.50		ANSIN
2AJHA2	Sn	1 ALS	NE MEL	Althan	- ~	C.		S SMETRI	0.50	6903	с. С
Ċ.	Si	AND PA	HP2	~	-	(MIS	NS ME	Althous	0.50		Nº S
METAL	Total other	s	<u></u>	WE THE		SME	P.P.J.HP.	<u></u>	0.30	S.	ME.
Mar Aller	Zn	5	METALS	- ANS MA	BUILT		Remai	nder 🔊	MSME	PP-1412	

CHEMICAL COMPOSITION

MECHANICAL PROPERTIES Cw718 (AS PER TEMPER H130)

Range (mm)	From	То	UTS Min (N/mm²)	PS Min (N/mm²)	Elo Min (%)	Hardness Min(HB)	Hardness Max
Round (Dia)	6	75	ME PL	HUND -	Blogen -	130	EIA - LIST
Hex (a/F)	<u></u> 6	70	HANN -	43	.5	130	66-34
Square (A/F)	6	60		.5	NE P	130	-
Rectangle (Thickness)	6	50	<u>_9</u> -	META-	IN - PP	130	- IETAL

RAJHANS METALS PRIVATE LIMITED

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PHYSICAL PROPERTIES

Electrical conductivity	7.8 %IACS
Thermal conductivity	63 W/(m•K)
Thermal expansion coefficient (0–300 °C)	20.6 10-6/K
Density	8.12 g/cm ³
Modulus of elasticity	93 Gpa
	AY

FABRICATION PROPERTIES

Suitability		
40%		
Poor		
good		
good		
fair		
Poor		
fair shi		
Poor		
860-910 °C		
600–700 °C		
500–650 °C (1–3 hr)		
300–430 °C (1-3 hr)		

TYPICAL USES

- > Bushings
- > Shafts

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