IS 8737MOD

FORGING BRASS

DESCRIPTION

IS 8737 are the reference materials for hot working. The mean Lead content provides good machinability of the forged part. Because of its Composition this alloy is suited for the production of LPG Valve.

CHEMICAL COMPOSITION

Elements			Min (%)				Max (%)			
63.	Cu 🔊	- WEIP	HARST	56.50		.s. 1	2	60.000	P.S.a.	
(h)	Pb	- LIMANO	by.	1.00	- 18E	See all the second	0 P.S.	2.00	. 6	
STR ME	Fe	10	AND IN	. Sherr	- S.HARD	0,50		0.30	C WELLAND	d.
ph.Stor	Mn	a phil	ALC INC.	0.50	40	ANS.	51			62.
.9	Total Others	all the second	Phillip	-	CINS.	NS MC	op. States	0.75		
C METRON	Zn	2.2.	.5	Section 2	. AND MARKEN	Remainder		li li	(PS	AND NO

MECHANICAL PROPERTIES (AS PER TEMPER HB)

Range (Inch)	From	То	UTS Min (Mpa)	PS Min (Mpa)	Elongation Min (%)	Hardness Min	Hardness Max
Round (Dia)	1.5	75.00	392.00	-	18.00	15 ME	- allon -
Hex (A/F)	3.00	70.00	392.00		18.00	all the	-
Square (A/F)	3.00	60.00	392.00	1 ² - 15 ¹¹¹	18.00	-	AND STREET

PHYSICAL PROPERTIES

PHYSICAL P	ROPERTIES	ENGLISH	
Density	Hallon Barr	0.303 lb/in3	AFT MAL AND
CTE. line	ar	14.4 μin/in-°F	- 634
Specific Heat C	Capacity	0.0908 BTU/lb-	۴F
Thermal Cond	uctivity	784 BTU-in/hr-ft	²-°F
Melting Po	oint	1620 – 1650 °	F phillip
Solidus	is with	1620 °F	6
S Liquidus	S	1650°F	all find
A.C		197	100 M

RAJHANS METALS PRIVATE LIMITED

IS 8737MOD

FORGING BRASS

FABRICATION PROPERTIES

				Suitability
62.	3	C Martin	SHARE	80.00%
1 Mars	and the second	AL HARD	62.	Poor
SIS ME	SP210	<i></i>		Excellent
	Partition of the second	Contraction of the second seco	Contraction of the second seco	AND

TYPICAL USES

> Valves LPG

RAJHANS METALS PRIVATE LIMITED