

CUSTOMER : Unimech Engineering (M) Sdn Bhd

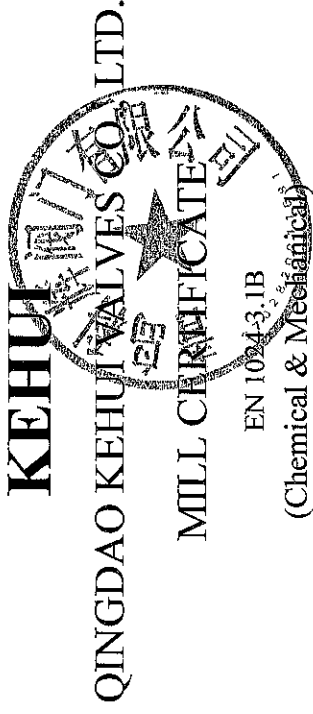
Report No : KW211206-001

Nomenclature : BRONZE GLOBE VALVE, F7301 5K

Material : CAC406

P/O No. : ZPO-2107-0031

Date : 2021-12-10



HEAD OFFICE & PLANT  
Xingjialing Village, Tongji, Jimo  
Qingdao, China

NO	SIZE OF TEST PIECE			MECHANICAL PROPERTIES			CHEMICAL COMPOSITION (%)					ITEM&SIZE	Q'TY	HEAT NO.	
	DIA (mm)	G/L (mm)	S/A mm <sup>2</sup>	T/S N/mm <sup>2</sup>	Y/P N/mm <sup>2</sup>	ELONGATION (%)	R/A	Cu	Sn	Zn	Pb				
ST'D	14.0	50.0	153.9	200min	100min	14min		84-86	4-6	4-6	4-6				
1	14.0	50.0	153.9	250	200	20		85.06	5.04	4.78	4.85		5K-15	4	180705
2	14.0	50.0	153.9	250	200	20		85.06	5.04	4.78	4.85		5K-25	25	180705
3	14.0	50.0	153.9	250	200	20		85.06	5.04	4.78	4.85		5K-32	12	180705
4	14.0	50.0	153.9	250	200	20		85.06	5.04	4.78	4.85		5K-40	30	180705
													TOTAL	71	

Others:

KIND	RESULT	IMPACT TEST (Charpy) N/mm <sup>2</sup>		
		1	2	3
				AV.

HYDRAULIC TEST

BODY: 10.5 kgf/cm<sup>2</sup>

SEAL: 7.7 kgf/cm<sup>2</sup>

We hereby certify that the material described herein has been satisfactorily tested as above in accordance with the specification.