



# MATERIAL TEST RESULT

MESSRS	UNIMECH ENGINEERING (M) SDN. BHD.
JOB NAME	
JOB No.	
P.O.No.	APO-2004-007
PRODUCT CODE	(TR)FH<ZOP02>1

Certificate No.  
1020329222-016-01-01-Z1

Date : 2020/07/21



Figure	FH<ZOP02>1	Valve No.	
Material	JIS H 3250 C 3771 BE	Item No.	19
Charge No.	Display No.	Name of Parts	
1 270219		BODY	BONNET
2			
3			
4			

**CHEMICAL COMPOSITION %**

Element	Cu	Pb													
Spec.	57.0	1.0													
	61.0	2.5													
1	59.0	1.8													
2															
3															
4															

  

Element	Fe+Sn	Zn												
Spec.	Max	Remainder												
	1.0													
1	0.3	REM.												
2														
3														
4														

**TENSION TEST**

**IMPACT TEST**

Item		Tensile str.	Elongation						
Unit		N/mm2	%						
Spec.		Min	Min						
1		315	15						
2		434	33						
3									
4									

Item									
Unit									
Spec.									
1									
2									
3									
4									

**HEAT TREATMENT °C**

Spec.				
1				
2				
3				
4				

N:Normalizing      A:Annealing      T:Tempering      Q:Quenching      AC:Air Cooling  
 WQ:Water Quenching      OQ:Oil Quenching      WC:Water Cooling      FC:Furnace Cooling      ST:Solution Treatment

**REMARKS**

JIS G 0415 2.2

Reviewed by \_\_\_\_\_

**KITZ CORPORATION**  
 QC Manager