

ZHEJIANG ANIX VALVE TECHNOLOGY CO.,LTD

LONGWAN INDUSTRIAL BASE LONGWAN WENZHOU ,(Area 3, Valves Base) CHINA

Mill Test Certificate

Report No.:AN-2112001

Date:Dec 6th 2021

Order No.:AN-M-2021-1206

TO:Unimech Engineering (M) Sdn Bhd

1、Chemical And Tensile Requirements

Description	Material: ASTM A351 CF8	Size	Heat NO.	QTY (PCS)	Chemical Composition %										Tension Test		
					C	Mn	Si	P	S	Cr	Ni	Mo	Yield Strength $\geq 205\text{Mpa}$	Tensile Strength $\geq 485\text{Mpa}$	Elongation $\geq 35\%$		
IPC Ball Valve 1000PSI With Lock BSP/ R-PTFE	M11001	1/2"	3000	≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	0.02	18-21	8-11	≤ 0.50	247	543	40		
				0.059	0.75	0.76	0.017	0.02	18.17	8.14	0.12	247	543	40			
	M11002	3/4"	300	0.043	0.76	0.77	0.031	0.027	18.27	8.12	0.06	221	532	50			
				0.065	0.77	0.78	0.03	0.01	18.17	8.08	0.09	237	552	39			
	M11004	3"	50	0.045	0.76	0.77	0.04	0.021	18.17	8.2	0.19	228	505	49			
				0.042	0.79	0.73	0.019	0.017	18.16	8.1	0.13	218	525	46			

2、Pressure Test And The Results

Detection Project	Media	Measured Values (Mpa)	Duration (s)	Test Results	Results
Shell Test	Water	10.4MPa	≥ 60	No Leak	Qualified
Seal Test	Air	0.6MPa	≥ 60	No Leak	Qualified
Test Standard	API 598 (valve inspections and tests)				

We certify that the material has been sampled, tested, and inspected with provisions of the above referenced.

Q.C. Manager: Youcheng Xu