供应商公司名称及地址 Supplier's company name and address	材质合格证	DIN 50049 – EN 10204 – 3.1 MAT. CERT. N°. D2536-3 DATE :2026.1.31
浙江浩丰阀门有限公司 Zhejiang Haofeng Valve Co.,Ltd. 浙江省永嘉县瓯北镇梅园村 Mei Yuan Village,Oubei Town,Yongjia County,Zhejiang	MATERIAL TEST CERTIFICATE	ISO 9001 / approved CLIENT : JC

顾客 Customer	何塞阀门制造（上海）有限公司 JC Manufacturing Group (Shanghai) Co., Ltd.	订单号 Order No.	5167/1/5-5177/1/2-5412/1/2	材料 Material	F51	标准和版本号 Specification	ASTM A182-2020

炉号	零件名称及图号:	数量	化学成分 Chemical composition(%)														屈服强度 YS Rp0.2(Mpa)	抗拉强度 TS（Mpa）	延伸率 Elongation δ 50mm(%)	收缩率 Reduction (%)	冲击温度： Temp. - 50℃			硬度 HB
			元素	C	Mn	Si	S	P	Cr	Ni	Mo	N									冲击值Akv，J Avg: Min:			
Heat No.	Part Name	Qty	Max	0.03	2.00	1.00	0.020	0.030	23.00	6.50	3.50	0.20						≥450	≥620	≥20	≥45	1	2	3	≤290
			Min						21.00	4.50	2.50	0.08												
T2507254-S14	BALL/6060TB080B	1		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232
T2507254-S14	SEAT/6060TB080AM	2		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232
T2507254-S14	BALL/6060TB150B	1		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232
T2507254-S14	SEAT/6060TB150AM	2		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232
T2507254-S14	BALL/B15BAS	5		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232
T2507254-S14	SEAT/AM0153515	10		0.022	1.06	0.46	0.001	0.026	22.59	4.96	3.05	0.16						535	699	59	75				232

热处理 Heat Treatment	处理方法	炉子类型 Furnace Type	温度 Temp.℃	保温, 小时 Holding Time, H	冷却方法 Cooling Method
	□正火Normalize				
	□淬火Quench				
	□回火Temper				
	■固熔Solution	电炉	1050℃	2.0H	水冷 Water-Cooling

无损检测 NDT	方法Method	结果 Result
	■ 目测 VT	合格 Accept √
	□ 着色 PT	适用时,相关报告编号如下: where applicable, refer to associated NDT report No. as following:
	□ 磁粉 MT	
	□ 射线 RT	
	□ 超声 UT	

交货状态 Delivery State	已加工 Has Been Processed	制造工艺 Manufacturing Technology	锻件 forging

兹证明材料已按照标准和顾客要求进行了制造\抽样\检验和试验,结果符合要求.
We hereby certify that the material was manufactured, sample tested and inspected in accordance with the material specification and customer requirements,and was found to meet the requirements.
According the material meets customer requirements or specification PS04 I1Rev.9 ;
According material meets material standard ;
According material meets requirements of NACE MR0175/103 ;
Some other special requirement.
The test report shall not be reproduced except in full, without the written approval of Zhejiang HaoFeng Valve Co.,Ltd.

浙江浩丰阀门有限公司 质检部

试验员 Tested by (QC inspector)		化学成分检测 Chemical Test Performedb by (QC inspector)	王中	批准(质量经理) Approved by (QA/QC manager)		日期 Date	2026.1.31	顾客/第三方批准 Approved by Customer/3rd party	