

Add.No.1188,Baishi Rd,Baihe Town,Qingpu Distrct,Shanghai,China.

Customer	JC Manufacturing Group (Shanghai) Co., Ltd.			Material	CF8M			Melting process:	Elektro-Ofen, electric furnace					Diameter of test bar/test temp:	12.5±0.1mm/Room temp									
Specification	ASTM A-351/351M- 24el			Delivery condition	成品 Finished product			product type	铸件 Casting					Cert.No.	JC-250314-7									
采购订单号 PO NO	炉号 Heat No	零件名称 Part Name	产品编号 Component Code	图号 Drawing No	规格 Spec	数量 Qty	Source of chemical composition: Tensile bars										机械性能 MECHANICAL PROPERTIES							
							化学成分 Chemical Composition (%)										ASTM A370-2024							
							C	Si	Mn	P	S	Cr	Ni	Mo					T.S. (Mpa)	Rp0.2	EL. (%)	R.A. (%)	Hardness (HBW)	Impact Test (°C)J
≤0.08	≤1.50	≤1.50	≤0.04	≤0.04	18.0-21.0	9.0-12.0	2.0-3.0					≥485	≥205	≥30		≤237	10*10*55mm							
008	KF-B-004263	球体 BALL	1561502003	0155150B	150*236*178.73	12	0.045	1.195	1.194	0.033	0.001	18.400	9.220	2.058				533	229	40		167		
009	KF-B-004205	球体 BALL	1562002003	0155200B Rev.0	200*312*234.76	3	0.043	1.010	1.029	0.031	0.001	18.420	9.070	2.065				540	245	44		164		
012	KF-B-004084	球体 BALL	2561252003	LCV-S16-125-03	125*190*139.33	18	0.052	1.130	1.119	0.028	0.002	18.760	9.210	2.166				519	228	48		169		
013	KF-B-004115	球体 BALL	1551502003	LCV-150-150-03	151*230*169.77	25	0.052	1.089	1.222	0.029	0.003	18.360	9.320	2.095				536	233	47		163		
001	KF-B-004350	球体 BALL	7152002003	7152003	144*220*162	1	0.048	0.972	0.918	0.031	0.002	18.450	9.270	2.149				522	238	47		165		
001	KF-B-004115	球体 BALL	1551502003	LCV-150-150-03	151*230*169.77	1	0.052	1.089	1.222	0.029	0.003	18.360	9.320	2.095				536	233	47		163		
004	KF-B-004323	球体 BALL	5401252003	820331	125*200*151.5	16	0.054	1.349	1.152	0.032	0.001	18.370	9.120	2.085				552	224	46		166		
005	KF-B-004429	球体 BALL	5401502003	B150 Rev 1	151*236*177.85	180	0.050	1.108	1.005	0.037	0.004	18.400	9.120	2.032				546	239	42		168		
002	KF-B-004115	球体 BALL	1551502003	LCV-150-150-03	151*230*169.77	18	0.052	1.089	1.222	0.029	0.003	18.360	9.320	2.095				536	233	47		163		
005	KF-B-004382	球体 BALL	5401502003	B150 Rev 1	151*236*177.85	9	0.049	1.123	1.146	0.031	0.001	18.370	9.120	2.091				548	242	45		170		
005	KF-B-004146	球体 BALL	5401502003	B150 Rev 1	151*236*177.85	1	0.050	1.174	1.109	0.031	0.001	18.130	9.210	2.035				532	240	44		165		
热处理 Heat Treatment	处理方法 Method		热处理批次 Heat Treatment Batch No.		炉子类型 Furnace Type		升温温度 摄氏度 Temp. (°C)		保温时间, 小时 Holding Time, Hours		冷却方法 Cooling method		方法 Method			报告编号 Refer. No.		结论 Result						
	√	固溶Solid Solution	241028-94		罩式电阻炉 Bell Type Furnace		1080°C		3h		水冷 water cool		VT	√	目测VT	-	Pass							
												无损检测 NDE	√	PT REPORT	PT-250301-7	Pass								
												Corrosion Test												
1: We hereby confirm that the material was manufactured, sampled, tested and inspected in accordance with the material specification and customer requirements.										5: Grain size is class 8 according to ASTM E112.														
2: According the material meets customer requirements or specification PS04 I1Rev.9;										6: According material meets material standard;														
3: The material fulfills NACE MR-0175 and MR0103 standard requirements.										7: The material is free from radioactive contamination														
4: The product fulfill the visual examination criteria of MSS SP-55.										8: The QM-system fulfills Pressure Equipment Directive 2014/68/EU and ISO9001:2015														
9: Some other special requirement: /																								
检验员 Inspector		刘钰 Liu Yu			批准 (质量经理) Approved by (QA/QC Manager)				张涛 Zhang Tao				日期 Date		2025.03.14									

