



金桥焊材®

产品质量证明书

NO. 890000404811

GB/T 19001-2016/ISO 9001:2015

TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO., LTD.
天津市金桥焊材集团股份有限公司

MILL CERTIFICATE

Commodity 品名	Trade Model 牌号	GB Model 国标型号	AWS Model 美标型号	ISO Model 150型号	Size 规格	Batch No. 批号		
气保护实心焊丝	JQ • MG50-6	G49A4UC1S6 (ER50-6)	ER70S-6	EN ISO 14341-A-G 42 4 M21/C1 3S11	1.2(15KG)	25092909		
Execute Standard 执行标准 GB/T 8110-2020及AWS A5.18及EN ISO 14341-A-G 42 4 M21/C1 3S11								
Chemical Composition of Welding Wires 焊丝化学成分 (%)			Mechanical Properties of Deposited Metal 熔敷金属力学性能					
Items 项目	Requirement 标准要求	Test Result 实测值	Items 项目	Requirement 标准要求	Test Result 实测值	Items 项目	Requirement 标准要求	Test Result 实测值
C	0.06—0.14	0.073	Tensile Strength 抗拉强度Rm (MPa)	520—640	548	Radiographic Inspection 焊缝射线探伤	II级	I级
S	≤0.025	0.008	Yield Strength 屈服强度Rel或Rp0.2 (MPa)	≥420	440			
Mn	1.40—1.60	1.45	Percentage Elongation after Fracture 伸长率A (%)	≥22.0	27.5	Others 其他		
Si	0.80—1.00	0.87	V-notch Impact Test Impact Temp. V型缺口冲击试验温度(°C)	-40	-40			
P	≤0.025	0.016	V-notch Impact Test Absorbed Energy V型缺口冲击吸收能量KV ₂ (J)	≥47	80、79、74			
Cr	≤0.15	0.031						
Ni	≤0.15	0.008						
Mo	≤0.15	0.007						
V	≤0.03	0.003						
Cu	≤0.35	0.11						
Al	≤0.02	0.010						
Ti+Zr	≤0.15	0.004						
Approved by 产品认证 CCS, LR, BV, ABS, DNV, NK, KR, RS及德国TUV, DB, CE			We hereby Certify That This Report Is Correct And That All Test Results Reported Herein Are In Accordance With The Specification Described Herein. The Manufacturing Process Of Our Product Is In Accordance With The Certification Condition. We Are Responsible For The Quality Of Our Products.					
Remarks 备注 Complied with CCS 《Rules for Materials and Welding》 满足CCS《材料与焊接规范》RS(Letter No.266-221-03-155274;Certificate No. 24.44.01.0 3386.266;Issued on 29.10.2024valid until 29.10.2029)			制表:任玉双 审核:张秋彦 2025年10月21日				QUALITY ASSURANCE DEPARTMENT 质量保障部	

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