

JASPER

— PROFESSIONAL WELDING WIRE —

— CERTIFICATION —





Industrie Service

Zertifikat der Konformität der werkseigenen Produktionskontrolle

0036 - CPR - S 085.2018.003

Gemäß der Verordnung 305/2011/EU des Europäischen Parlaments und des Rates vom 09. März 2011 (Bauproduktenverordnung - CPR) gilt dieses Zertifikat für das/die Bauprodukte

Schweißzusätze nach EN ISO 14341, EN ISO 17632, EN ISO 14343, EN ISO 636, EN ISO 2560

hergestellt durch oder für

Shandong Juli Welding Co., Ltd
No. 3888 North of Jinghua Road,
Dezhou City, 25300, P. R. China

Dieses Zertifikat bescheinigt, dass alle Vorschriften über die Bewertung und Überprüfung der Leistungsbeständigkeit beschrieben im Anhang ZA der harmonisierten Norm

EN 13479:2017

entsprechend System 2+ angewendet werden und dass

die werkseigene Produktionskontrolle alle darin genannten Anforderungen erfüllt.

Dieses Zertifikat wurde erstmals am 06.02.2015 und wiederkehrend am 10.05.2021 ausgestellt und bleibt gültig, solange sich die in der harmonisierten Norm genannten Prüfverfahren und/oder Anforderungen der werkseigenen Produktionskontrolle zur Bewertung der Leistung der erklärten Merkmale nicht ändern und das Produkt und die Herstellbedingungen im Werk nicht wesentlich geändert werden, längstens jedoch bis 06.02.2024.

Weitere Informationen zu Produktmerkmalen und -beschreibungen sind im Anhang 1 zu diesem Zertifikat enthalten.

München, 10.05.2021

Notified Body, Nr. 0036



EQ3027046



(Daniel Zellmer)
(Leiter der Zertifizierungsstelle)

TÜV SÜD Industrie Service GmbH, Westendstraße 199, 80 686 München, Deutschland



Industrie Service

Certificate of conformity of the factory production control

0036 - CPR - S 085.2018.003

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of March 09th, 2011 (Construction Products Regulation - CPR), this certificate applies to the construction product

filler metals acc. to EN ISO EN ISO 14341, EN ISO 17632, EN ISO 14343, EN ISO 636,
EN ISO 2560

produced by or for

Shandong Juli Welding Co., Ltd
No. 3888 North of Jinghua Road,
Dezhou City, 25300, P. R. China

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the harmonised standard

EN 13479:2017

under system 2+ are applied and

the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 06.02.2015 and recurring on 10.05.2021 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly and latest on 06.02.2024.

Further information about the product parameters and description of the products are included in the annex 1 to this certificate.

Munich, May 10, 2021

Notified Body, No. 0036



EQ3027046



(Daniel Zellmer)
(Leader of the Certification Body)

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany



WELDING CONSUMABLE CERTIFICATE

Certificate No: 878465-4383336-001

Report No: 4383336

Port of: Tianjin, P. R. China

Date: 04 August 2020

THIS IS TO CERTIFY

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU DID, AT THE REQUEST OF SHANDONG JULI WELDING CO., LTD., ATTEND THEIR PLANT AT DEZHOU, P.R.CHINA, ON THE 03 DAY OF AUGUST, 2020 AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES AND TO WITNESS AND REPORT ON THE INITIAL APPROVAL TESTING OF WELDING CONSUMABLES; AND,

THAT THE FACILITY IS CONSIDERED CAPABLE OF PROVIDING AN ACCEPTABLE UNIFORM PRODUCT, AND THAT EACH WELDING CONSUMABLE LISTED BELOW WAS FOUND IN COMPLIANCE WITH THE SPECIFICATION INDICATED AND IS ELIGIBLE TO BE PLACED ON THIS BUREAU'S APPROVED WELDING CONSUMABLES LIST IN THE GAS METAL ARC WELDING INCLUDING MIG/TIG WELDING SECTION:

TRADE NAME	SPECIFICATION	GRADE OR CLASS	SHIELDING GAS	POSITION	CURRENT/ POLARITY	SIZE
JL-ER50-6	ABS	4YSA	M21	All, V-Down	DCEP	0.6-1.6mm



QU,SONGHUA

04 August 2020
SURVEYOR

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Materials Manufacturer Approval Audits
CLS-PRI-00826

CLS-ATT-01565 Rev 0

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RILAND

Honored supplier for JASPER

RL-MG50-6



Standard: GB/T 8110 ER50-6
AWS A5.18 ER70S-6

Description

RL-MG 50-6 MIG welding wire, using CO₂ or argon as protecting gas, has good welding performance, stable arc combustion, less spatter, beautiful weld formation, low sensitivity to weld metal pores, suitable for all-position welding.

Chemical components (%)

	C	Mn	Si	S	P	Ni	Cr	Mo	V	Cu
Standard	0.06~0.15	1.40~1.85	0.80~1.15	≤0.025	≤0.025	≤0.15	≤0.15	≤0.15	≤0.03	≤0.50
Sample results	0.08	1.54	0.92	0.011	0.011	0.006	0.023	0.004	0.002	0.126

Mechanical properties

Properties	Tensile strength R _m (MPa)	Yield strength R _{eL} (MPa)	Elongation after break A (%)	-30°C impact energy KV ₂ (J)
Standard	≥500	≥420	≥22	≥27
Sample results	550	440	30	90

Current reference (DC+)

Diameter (mm)	0.8	1.0	1.2	1.6
Current range	50~120	70~230	80~350	140~550

Application

It is suitable for single-pass welding and multi-pass welding of steel for pressure-bearing equipment with similar strength levels, such as welding of vehicles, bridges, buildings, mechanical structures, etc.