

| CUSTOMER NAME: WELDSOLUTIONS | | | | | | INVOICE NO.- AA/052/EXP/22-23 | | | | | |
|--|--------------------|-------------------------|--------------------------|-----------------------|-------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| PRODUCT INFORMATION | | | | | | | | | | | |
| PRODUCT: COPPER COATED TIG WIRE | | | | | | TC. NO.: A030332 | | | | | |
| GRADE: ER70S-6 | | | | | | ISSUE DATE: 22/10/2022 | | | | | |
| SIZE: 1/8" | | SIZE TOLERANCE: ±0.002" | | | | HEAT NO.: A0303 | | | | | |
| CONDITION: COPPER COATED CUT | | | | | | QUANTITY: 1,600.00 KGS | | | | | |
| IDENTIFICATION: PALLET NO: WA-03 & WA-04 | | | | | | BLUE PLASTIC TUBE: 5 KGS | | | | | |
| CHEMICAL PROPERTIES OF THE WIRE | | | | | | | | | | | |
| ELEMENTS | C% | Si% | Mn% | P% | S% | Cu% | Cr% | Ni% | Mo% | V% | Al% |
| SPECIFICATION (min/max) | 0.060 | 0.80 | 1.40 | --- | --- | --- | --- | --- | --- | --- | --- |
| | 0.150 | 1.15 | 1.85 | 0.025 | 0.035 | 0.50 | 0.15 | 0.15 | 0.15 | 0.03 | --- |
| RESULT | 0.071 | 0.85 | 1.48 | 0.017 | 0.009 | 0.007 | 0.023 | 0.019 | 0.001 | 0.003 | 0.003 |
| MECHANICAL PROPERTIES OF WELD DEPOSIT | | | | | | | | | | | |
| | DIAMETER (inch) | UTS Mpa(N/mm2) | YS (0.20%) Mpa(N/mm2) | ELONGATION% (L=5d) | IMPACT VALUES -30°C J(Avg) | | | | | | |
| REQUIREMENT (min/max) | 0.123" 0.127" | 480 ---- | 400 ---- | 22 ---- | 27 ---- | | | | | | |
| RESULT | 0.125" | 591.47 | 492.55 | 27.80 | 69 | | | | | | |

HEAT TREATMENT: N.A.

Certificacion ACC TO BS EN 10204/3.1

REMARKS: OUR DA NO: 22319
 CUSTOMER ORDER NO.: 30-MAY-22
 MATERIAL CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2019,
 SFA 5.18/SFA 5.18M AND AWS CLASSIFICATION ER-70S6
 RADIOGRAPHIC TEST: SATISFACTORY

MADE IN INDIA

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN
 MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH
 THE CUSTOMERS REQUIREMENTS, NEEDS AND EXPECTATIONS MECHANICAL TEST
 RESULTS ARE TAKEN RANDOMLY FROM THE LOT

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