



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-199/08.09.2022 | | | | | | | |
|--|----------------------|--|----------------------|--------------------|----------------------|--|----------------------------------|------------------|------------|--------------|-------------|------------|------------|------------|
| | | | | | PART NO. | | 7209 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022 | | | | | BATCH NO. | | M-12212 | | | | | | | |
| | | | | | GRADE | | ER 312/(G 29 9) | | | | | | | |
| | | | | | SUPPLY CONDITION | | STAINLESS STEEL MIG WELDING WIRE | | | | | | | |
| | | | | | SURFACE FINISH | | BRIGHT DRAWN, BRIGHT FINISH | | | | | | | |
| CHEMICAL COMPOSITION OF WIRE :- | | | | | | | | | | | | | | |
| SR. NO. | DIAMETER (mm) | NUMBER OF SPOOLS | WEIGHT (KGS) | HEAT NO SPECIFIED | %C | %Mn | %Si | %S | %P | %Cr | %Ni | %Cu | %Mo | %N2 |
| ELEMENTS % | | | | MIN MAX | - | 1.00 | - | - | - | 28.00 | 8.00 | - | - | - |
| 1 | 1.00 (SD200/5KGS) | 10 | 50.00 | E53251 | 0.091 | 1.80 | 0.38 | 0.001 | 0.020 | 30.60 | 8.80 | 0.09 | 0.090 | 0.0467 |
| MECHANICAL PROPERTIES OF WIRE :- | | | | | | | | | | | | | | |
| SL. NO. | SAMPLE DIAMETER | TENSILE STRENGTH | 0.2% PROOF STRESS | ELONGATION % | REDUCTION OF AREA % | CHARPY IMPACT VALUE (Joules) Temp. AT (RT) | FERRITE NO (FN) (WRC-1992) | INCLUSION RATING | | | | | | |
| | | | | | | | | A | A | A | A | A | | |
| - | (mm) | (N/mm ²) | (N/mm ²) | Lo=100 | - | - | - | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN |
| 1 | 1.00 | 1471 | - | - | - | - | 88 | - | - | - | - | - | - | - |
| SPECIFICATION :- | | | | | | | | | | | | | | |
| TENSILE STRENGTH | | AS PER DIN EN ISO 14343-A AS PER ISO 544 STANDARD MATERIAL CONFORMS TO DIN EN ISO 14343-A | | | | | | | | | | | | |
| DIAMETER TOLERANCE | | | | | | | | | | | | | | |
| % ELONGATION | | | | | | | | | | | | | | |
| MATERIAL SPECIFICATION | | | | | | | | | | | | | | |
| MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS . RADIOACTIVITY TEST : WE CONFIRM THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. | | | | | | | | | | | | | | |
| WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT. | | | | | | | | | | | | | | |

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