



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-582/29.12.2022 | | | | | | | |
|--|----------------------|----------------------|---|--------------------|----------------------|--|----------------------------------|-------------------|-------------------|------------------------|------------------------|------------------|----------------------|------------|
| | | | | | PART NO. | | 7203 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/22-23/680 DT-29.12.2022/41777 DT-04.11.2022 | | | | | BATCH NO. | | M-13018 | | | | | | | |
| | | | | | GRADE | | ER 316LSi/(G 19 12 3 L Si) | | | | | | | |
| | | | | | 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 | - 0.030 | 1.00 2.50 | 0.65 1.00 | - 0.030 | - 0.030 | 18.00 20.00 | 11.00 14.00 | - 0.75 | 2.00 3.00 | - |
| 1 | 1.00 (SD200/5KGS) | 23 | 115.00 | CH-18294 | 0.020 | 1.89 | 0.87 | 0.006 | 0.027 | 18.70 | 11.22 | 0.26 | 2.090 | 0.0700 |
| 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 | 1618 | - | - | - | - | 7 | - | - | - | - | - | - | - |
| SPECIFICATION :- | | | | | | | | | | | | | | |
| TENSILE STRENGTH | | | AS PER DIN EN ISO 14343-B | | | | | | | | | | | |
| DIAMETER TOLERANCE | | | AS PER ISO 544 | | | | | | | | | | | |
| % ELONGATION | | | STANDARD | | | | | | | | | | | |
| MATERIAL SPECIFICATION | | | MATERIAL CONFORMS TO DIN EN ISO 14343-B | | | | | | | | | | | |
| 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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