


SN 6327

2 TBR 80

C326161

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE

| | | | |
|--|--|---|---|
|  <p>QMS Certified</p> | CUSTOMER DSS INTERNATIONAL SA Switzerland | PRODUCT DESCRIPTION Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line. Прутки из коррозионностойких (нержавеющих) сталей горячекатаные, обточенные на линии Ландграф. STEEL MAKING PROCESS: BAF+AOD СПОСОБ ВЫПЛАВКИ: Электродуговая печь+АКР Round 2.000in/50.80 mm L=5.280/17.311ft L=5.620/18.426ft L=5.610/18.393ft L=5.630/18.459ft Grade: 316/316L/1.4401/1.4404 | Sheets:6 Sheet: 4 INSPECTION CERTIFICATE EN10204/3.1 Nr. 377845 PLANT ORDER № 8014905008 |
| | | | QUANTITY: (number of pcs) 1bund Q-1817 lb/824 kg 1bund Q-3470 lb/1574kg 1bund Q-3884 lb/1762kg 1bund Q-3876 lb/1758kg |
| Delivery condition solution annealed :1900 ⁰ F(1040 ⁰ C)water 30minutes термообработка:закалка в воду | | | |

| ANALYSIS, % | C | Si | Mn | P | S | Cr | Ni | Mo | Al | Cu | V | W | Ti | Co | Nb | N | Sn | B |
|---------------|-------|-------|-----------|-------|-----------|-------------|-------------|-----------|------|------|------|------|------|------|------|------|------|-------|
| REQUIRED | <.030 | <1,00 | 1.20-2.00 | <.040 | .015-.030 | 16.50-18.00 | 10.00-13.00 | 2.00-2.50 | <.10 | <.40 | <.10 | <.20 | <.15 | <.40 | <.20 | <.10 | | |
| CAST № A10836 | .022 | .43 | 1.43 | .035 | .023 | 17.06 | 10.23 | 2.03 | .073 | .20 | .05 | .06 | .005 | .14 | .01 | .031 | .006 | .0022 |

DIN EN 10002-1, ASTM A370-09

| MECHANICAL PROPERTIES | Yield Strength, (N/mm ²) R0.2% R 1.0% | | Tensile Strength, Rm, (N/mm ²) | Elongation | | Reduction of area, Z % L | Brinell Hardness HB | Impact strength, KV, J | | L | Q | TECHNICAL REQUIREMENTS: Macrostructure – GOOD GRAIN SIZE : 5 to ASTM E 112-96(2004) Nonmetallic inclusions ASTM E 45-05 (Method A) -A B C D thin thick thin thick thin thick thin thick 2.0 2.0 2.0 1.0 0.0 0.0 1.0 1.0 ICC-ASTM A262-08 (practice E)-test: O.K. Dimension/surface defects test, anti-mixing test – OK We acknowledge that the delivered products conform to the requirements of the order Ratio of reduction-116.0:1 |
|-----------------------|--|------------|--|-------------------------------------|----------------------|-----------------------------|---------------------|----------------------------|---|---|---|--|
| | A ₅ % L | Q | | In 2 inches (50mm) or 4D,min,% L | on of area, Z % L | | | L | Q | | | |
| REQUIRED | 205 | 240 | 515-690 | 40 - | 40 | 50 | 140-217 | 100 | - | | | |
| EFFECTIVE | 283 289 | 310 317 | 574 579 | 61 - 62 - | 58 59 | 73 75 | 167 167 | 216 216 216 220 220 220 | - | | | |

Mechanical properties tested in state of delivery

US - testing yes Results: ASTM A388/A388M-FBH1/8";EN 10308 type 1a;class 3:OK

Radiation free; mercury free. No Weld or Weld repair.

Date: 31.05.2022 **Manager of quality assurance**
 department - V. Kapaieva Signed:

Zaporozhye
 Melted and Produced in Ukraine.
 MELTED and MANUFACTURED
 PrJSC " Dniprospeetsstal"
 Phone number +380612834255
 e-mail: info@dss.com.ua
 http://www.dss-ua.com



Provided by CPA

www.flowconditioner.com, info@cpacl.ca