


PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYYE, UKRAINE

 <p>CUSTOMER DSS INTERNATIONAL SA Switzerland</p>		<p>PRODUCT DESCRIPTION Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line. Прутки из коррозионноустойчивых (нержавеющих) сталей горячекатаные, обточенные на линии Ландграф. STEEL MAKING PROCESS: EAF+AOD СПОСОБ ВЫПЛАВКИ: Электродуговая печь+АКР Round 6.250in/158.75 mm L 5.470/18.000ft L=5.240m/17.000ft Grade: 316/316L/1.4401/1.4404</p>										Sheets:3 Sheet: 2 INSPECTION CERTIFICATE EN10204/3.1 Nr. 371973 PLANT ORDER № 8014903055								
												QUANTITY: 1bund Q-5683lb/2578 kg (number of pcs) 1bund Q-1869lb/848 kg								
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 № A10112		.022	.47	1.39	.037	.023	17.22	10.26	2.08	.075	.30	.06	.06	.005	.15	.011	.032	.0109	.0022	
DIN EN 10002-1, ASTM A370-09																				
MECHANICAL PROPERTIES		Yield Strength, (N/mm²) R0.2% R 1.0%		Tensile Strength, Rm, (N/mm²)		Elongation		Reduction of area, Z, % L	Brinell Hardness HB	Impact strength, KV, J		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 3.0 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-15.1:1								
						A ₅ %	L			Q	L									
REQUIRED		205	240	515-700	40	-	40	50	140-217	100	-									
EFFECTIVE		290 292	326 331	576 578	63	-	61 61	79 79	170 170	221 221 221 224 224 224	-									
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: 20.07.2021 Manager of quality assurance department - V. Kapaieva Signed: Zaporozhye Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC " Dniprospetsstal" Phone number +380612834255 e-mail: info@dss.com.ua http://www.dss-ua.com										