



Manufacturer Ugine Avenue Paul Girod - CS 90100 73403 Ugine Cedex France www.ugitech.com	INSPECTION CERTIFICATE 3.1 EN 10204 / 3.1	UGITECH 
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Certificate : All UGITECH products were produced according to the certified quality system (at least ISO 9001) and according to customer requests on purchase orders, as per requirements in standards IATF 16949, EN 9100/EN 9101, ISO 13485, code RCCM and/or ASME section III, PED 2014/28/EC, ATEX 2014/53/EC. Chemical analysis and mechanical properties tests were performed by ISO/CEI 17025 accredited laboratories.	Supplier's mark :  Inspector's stamp :
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Purchase : 12672 BIRCELİK PASLANMAZ ÇELİK TİCARET	Purchase order reference : New Grade Aisi 416	Order number : 911596 30	Certificate : 84086642 900003
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Product :
UGI 4005 BAR SMQ TURNED POLISHED STANDARD ANNEALED H10 ROUND 30,000MM LONG. 3,000M +100,000MM - 0,000MM 518182

Melting process : EAF + AOD + CC	Batch : 1747KN2700	Heat n° : 749041	Weight : 215 kg
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Pieces Nbr : 52	Shape : round	Dimension : 30,000	Forging ratio : 55,0
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Standard : EN 10088-3 ED2014 1.4005 AISI 416	ASTM A582/582M 12e1 Oct 2012 TYPE 416
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CHEMICAL ANALYSIS										Test n° : EZWB
%	C	Si	Mn	Ni	Cr	Mo	Cu	S	P	
Min	0,0600				12,0000			0,1500		
Max	0,1500	1,0000	1,2500		14,0000	0,6000		0,3500	0,0400	
Heat Product	0,1070	0,4900	0,9900	0,1930	12,3880	0,0390	0,0730	0,2640	0,0225	

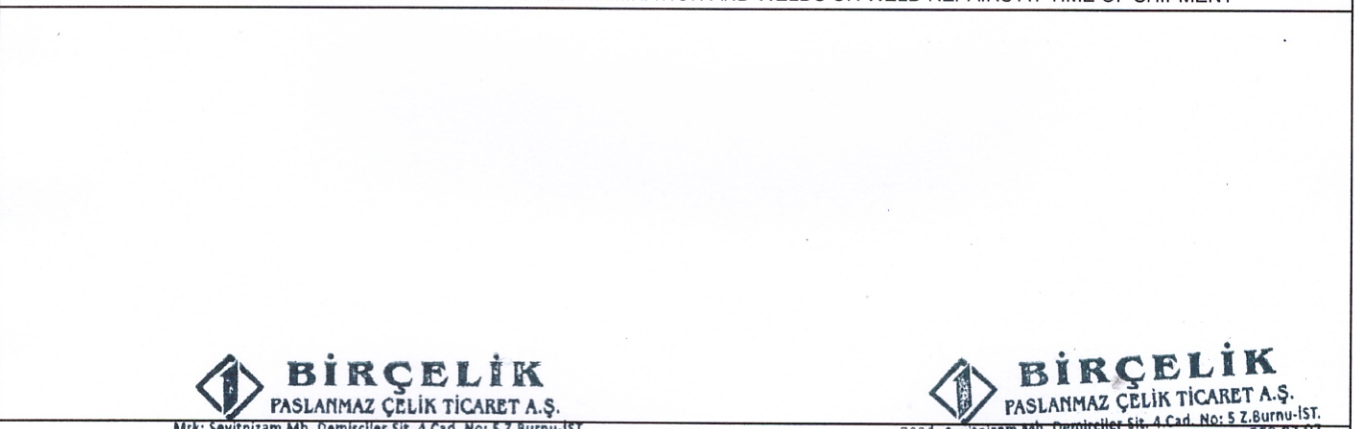
MECHANICAL CHARACTERISTICS
Result as delivered : Standard annealed


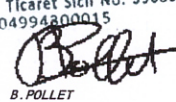
Tensile test										Hardness			
	Min	Max	Yield strength Rp 1% MPa	Tensile strength RM MPa	Elongation 5D %	Elongation 4D %	Red. Area Z %	HBW	Hv 5	HRb	HRc		
				730				220					
20	EZWB	1 L		699				201					

ADDITIONAL INFORMATION

Non destructive testing :
 CHECKING OF SURFACE DEFECTS ENSURED BY EDDY CURRENT 100% OF THE BARS
 PROCEDURE AND ANTIMIXING TEST PERFORMED BY SPECTROSCOPIC METHOD : CONFORM

Others :
 COUNTRY OF MELT SOURCE : FRANCE
 MATERIAL IS FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION AND WELDS OR WELD REPAIRS AT TIME OF SHIPMENT



Original certificate number : (0212) 665 76 34 (3 Hat) - 546 29 63 Fax: 558 87 07 We declare that the manufactured products in compliance with the requirements of the contract and that after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity (NF L 00-015 C); Document validated by electronic signature. Material manufactured in the REACH regulation respect.	 BİRÇELİK PASLANMAZ ÇELİK TİCARET A.Ş. Mrk: Seyitnizam Mh. Demirciler Sit. 4.Cad. No: 5 Z.Burnu-İst. (0212) 665 76 34 (3 Hat) - 546 29 63 Fax: 558 87 07 Tel: (0212) 253 3553 Mersis No: 0177004994300015 Davutpaşa V.D. 177 035 8420 Ticaret Sicil No: 356805 The quality manager  B. POLLET 040001166870 Page 1/1
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