

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC	Date :	-	Material :	ASTM B637 UNS N06075 (NIMONIC 75)			TC No. :	S95/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size :	16 mm	TC Date :	21.05.20XX
PO No. :	-	Date :	-	RM TC No. :	-	Lot No. :	AKF-XX	INV. No./Date	-

Chemical Composition Results %

Elements :	C	Si	Mn	S	Cr	Ni	Co	Ti	Al	Cu	Fe	B	Zr	Pb	Mo
Min. :	0.08	-	-	-	18.00	-	-	0.20	-	-	-	-	-	-	-
Max. :	0.15	1.00	1.00	-	21.00	-	-	0.60	-	0.50	5.00	-	-	-	-
Actual :	0.091	0.42	0.35	-	19.08	Rem	-	0.32	-	0.16	2.68	-	-	-	-

Lab TC No.:	XXXX	Lab Name :	XXXX	Result :	Satisfactory	
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Heat Treatment Records

Heat Treatment Process	Hardening Temp. °C	Tempering Temp. °C	Solution Annealing Temp. °C
Temp. °C Min. :	-	-	10XX°C
Temp. °C Recorded :	-	-	10XX°C
Soaking Time :	-	-	60 Min
Quenching Medium :	-	-	Air Cool

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	% Reduction Area	Hardness (HBW)	Proof Load (Kn)
Specified	Min.	650	240	25	-	-
	Max.	-	-	-	-	-
Actual Results:	812.34	386.26	39.68	-	213, 216, 218	-

Impact Test Results	Charpy V Notch Impact Test				AVG Value (J)	Lateral Expansion			
	Specified Value (J)	-	-	-	-	Value 1	Value 2	Value 3	Avg. Value
	Achieved Value (J)	-	-	-	-	-	-	-	-

Lab TC No.:	XXXX	Lab Name :	XXXX	Result :	Satisfactory	
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Item Details

Po Sr. No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Hex Bolt M16-2P, UNS N06075 (NIMONIC 75)	65 mm	10.00 Nos

Remarks: -

- 01) Material is free from deleterious contamination
- 02) 100% visual inspection carried out & found free from defects
- 03) Chemical, Mechanical & surface test carried out as per specification 100%
- 04) Material met 100% of standard compliance requirements and actual test results are recorded and verified against the above specification limits
- 05) No weld repair noticed
- 06) Above mentioned items conform to all required test results as per the Purchase order requirement
- 07) All dimensions are as per TQ Specification
- 08) Above mentioned items are in line to the requirements of TQ No. 27 (if applicable)

We confirm that above mentioned Items was Manufactured, Sampled, Tested and Inspected in accordance with the subjected Customer's Purchase Order and as applicable Drawings, Material Specifications, Codes & Standards and the results of the items have been determined to meet the users' requirements.

For Ananka Fasteners Pvt. Ltd.

For Client / TPI