

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ASTM F468 UNS N10003 (N)-2023	TC No. : S37/26-XX
SWO No. : -	Date : -	Bar Shape : Round Bar
PO No. : -	Date : -	Bar Size : 12 mm
	RM TC No. : -	Lot No. : -
		TC Date : 13.06.20XX
		INV. No./Date : -

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	-	Mo	Fe	W	V	Al +Ti	B	Co	-	-	-	Ni
Min. :	0.040	-	-	-	-	6.00	-	15.00	-	-	-	-	-	-	-	-	-	-
Max. :	0.080	1.00	0.015	0.020	1.00	8.00	-	18.00	5.00	0.50	0.50	0.50	0.010	0.20	-	-	-	-
Actual :	0.0510.65	0.009	0.005	0.34	6.89	-	15.87	2.432	0.16	0.08	0.23	0.003	0.05	-	-	-	-	Rem
Lab TC No.:	-			LabName :			-			Result :			Satisfactory					

Heat Treatment Records

Heat Treatment Process	SolutionAnnealing
Temp. °C Min. :	11XX°C
Temp. °C Recorded :	-
Soaking Time :	-
Quenching Medium :	Waterquenched

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	%Reduction Area	Hardness (HRB)	Proof Load (Kn)
Specified	Min.	690	280	35	-	-
	Max.	-	-	-	95	-
Actual Results:	812.49	362.21	49.76	-	86, 88, 89	-

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

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

Po Sr.No.	ItemCode	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Hex Head Bolt M12-1.75P	80mm	10.00NOS

Remarks: -
01) Material & Test Spec. as per customer requirement.
02) 100% Visual inspection carried out & found free from defects.
03) Tensile, Yield, Elongation & Reduction of Area test carried out as per specification 20XX.
04) Charpy V Notch & Lateral Expansion test carried out as per specification.
05) All test report Positive.
06) Above mentioned test results & test report is duly signed off & sealed by the Purchase order requirement.
07) All dimensions are as per PO specification. 20XX 0.001 & 0.002.
08) Above mentioned items are as per the requirement of PO No. 20XX.

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
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