

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ASTM F468 UNS N06030 (G30)-23	TC No. : S34/26-XX
SWO No. : -	Bar Shape : Round Bar Bar	TC Date : 13.06.20XX
PO No. : -	Size 10 mm - Lot	INV. No./Date -
Date : -	RM TC No. : No. : -	

Chemical CompositionResults%

Elements :	C	Mn	P	S	Si	Cr	-	Mo	Fe	W	Cb+Ta	-	Cu	Co	-	-	-	Ni
Min. :	-	-	-	-	-	28.00	-	4.00	13.00	1.50	0.30	-	1.00	-	-	-	-	-
Max. :	0.030	1.50	0.040	0.02	0.80	31.50	-	6.00	17.00	4.00	1.50	-	2.40	5.00	-	-	-	-
Actual :	0.0090.89	0.028	0.001	0.36	29.36	-	4.67	14.15	1.78	0.89	-	1.34	2.17	-	-	-	-	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. 586	241	30	-	-	-
	Max. -	-	-	-	90	-
Actual Results:	742.15	356.37	46.53	-	84, 86, 85	-

Impact Test Results	Charpy V Notch Impact Test				AVG Value	Lateral Expansion		
	Specified Value (J)	-	-	-	-	Value 1	Value 2	Value 3
	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 HeadBolt M10-1.5P	60mm	10.00NOS

Remarks: -
01) Material & Heat Treatment Certificate
02) 100% Visual Inspection Certificate
03) Material Certificate & Certificate for heat treatment
04) Material Certificate of the chemical composition
05) Material Certificate of the mechanical properties
06) Material Certificate of the impact properties
07) Material Certificate of the hardness properties
08) Material Certificate of the lateral expansion properties

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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