

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ASTM F468 UNS N06690-2023	TC No. : S46/26-XX
SWO No. : -	Bar Shape : Round Bar	TC Date : 13.06.20XX
PO No. : -	Lot No. : -	INV. No./Date -

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	Fe	Cu	-	-	-	B	-	Ti	Al	-
Min. :	-	-	-	-	-	27.00	58.00	-	7.00	-	-	-	-	-	-	-	-	-
Max. :	0.05	0.50	-	0.015	0.50	31.00	-	-	11.00	0.50	-	-	-	-	-	-	-	-
Actual :	0.023	0.14	-	0.004	0.12	28.57	61.46	-	8.12	0.11	-	-	-	-	-	-	-	-
Lab TC No.: -	LabName : -										Result : Satisfactory							

Heat Treatment Records

Heat TreatmentProcess	SolutionAnnealing	-
Temp. °C Min.:	10XX°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. 760	585	10	-	-	-
	Max. -	-	-	-	95	-
Actual Results:	946.42	652.12	18.37	-	89, 87, 90	-

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 HeadBolt M16-2P	80mm	10.00NOS

Remarks: -
01) Material & Test Spec as per customer order.
02) 100% visual inspection carried out and found free from defects.
03) Tensile, Yield, UTS & Hardness test carried out as per specification.
04) Charpy V Notch test carried out as per specification.
05) Lateral Expansion test carried out as per specification.
06) All test results are within the specified limits.
07) All test results are as per EN 10204-2004 Part 3.1.
08) Material test results are as per the requirement of EN 10204-2004 Part 3.1.

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