

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	-	Material :	ASTM F468 UNS N06200-2023	TC No. :	S35/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar
PO No. :	-	Date :	-	Bar Size :	16 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	Al	-	-	-	Cu	Co	-	-	-	Ni
Min. :	-	-	-	-	-	22.00	-	15.00	-	-	-	-	-	1.30	-	-	-	-	-
Max. :	0.010	0.50	0.025	0.010	0.80	24.00	-	17.00	3.00	0.50	-	-	-	1.90	2.00	-	-	-	-
Actual :	0.0060	0.23	0.012	0.003	0.31	23.17	-	15.54	1.86	0.12	-	-	-	1.52	0.98	-	-	-	Rem
Lab TC No.:	-	LabName : -										Result : Satisfactory							

Heat Treatment Records

Heat Treatment Process	SolutionAnnealing
Temp. °C Min. :	-
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	310	45	-	-
	Max.	-	-	-	100	-
Actual Results:	805.17	416.67	54.76	-	87, 89, 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	75mm	10.00NOS

Remarks: -
01) Material is as per specification.
02) 100% Visual inspection carried out and found free from defects.
03) Tensile, Yielding & Elongation test carried out as per specification.
04) Hardness test as per standard compliance requirements found satisfactory.
05) Charpy V notch test.
06) Lateral expansion test carried out as per specification and found satisfactory.
07) All dimensions are as per the specification.
08) Material certificate is attached to this report for the information of the customer.

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