

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	-	Material :	ASTM F468 UNS N04405 (S-405)-23	TC No. :	S40/26-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	Ni	Mo	Fe	Al	Ti	Cu	-	-	-
Min. :	-	-	-	0.025	-	-	63.00	-	-	-	-	-	-	-	-
Max. :	0.30	2.00	-	0.060	0.50	-	70.00	-	2.50	-	-	-	-	-	-
Actual :	0.13	1.47	-	0.036	0.23	-	65.29	-	1.47	-	-	Rem	-	-	-
Lab TC No.:	-	Lab Name :				-	Result :				Satisfactory				

Heat Treatment Records

Heat Treatment Process	Annealing
Temp. °C Min. :	81X°C
Temp. °C Recorded :	-
Soaking Time :	-
Quenching Medium :	AirCool

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	% Reduction Area	Hardness (HRC)	Proof Load (Kn)
Specified	Min.	483	207	20	-	-
	Max.	-	-	-	20	-
Actual Results:	567.13	308.32	31.27	-	16, 18, 19	-

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.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Stud Bolt M16-2P	80mm	10.00 NOS

Remarks: -
01) Material is as per specification.
02) 100% visual inspection carried out & found free from defects.
03) Tensile, Yield strength & hardness test carried out as per specification.
04) Tensile strength & yield strength compliance requirements were satisfactory.
05) No work order pending.
06) All material tested & found to be in compliance with the purchase order requirements.
07) All dimensions are as per drawing.
08) Material tested & found to be in compliance with the purchase order requirements.

We confirm that above mentioned items were 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