

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	Sample MTC	Material :	ASTM F468 UNS N08825 ED-2023	TC No. :	S0X/26-27
SWO No. :		Date :		Bar Shape :	Round Bar
PO No. :		Date :		Bar Size :	20 mm RM
		TC No. :	Lot No. : G001	TC Date :	04.0X.202X
				INV. No./Date	

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	Fe	Cu	Al	Nb + Ta	Ti	Co	-
Min. :	-	-	-	-	-	19.50	38.00	2.50	22.00	1.50	-	-	0.600	-	-
Max. :	0.050	1.000	0.015	0.030	0.500	23.50	46.00	3.50	-	3.00	0.200	-	1.200	-	-
Actual :	0.036	0.629	0.008	0.0004	0.171	22.750	41.65	2.960	27.910	2.790	0.056	-	0.649	-	-
Lab TC No.:	250132XX/XX-X					LabName:	M/s.XXXLAB LLP				Result :	Satisfactory			

Heat Treatment Records

Heat Treatment Process	Solution Annealing Temp. °C	
Temp. °C Min.:	9XX°C	
Temp. °C Recorded:	9XX°C	
Soaking Time:	X Hours	
Quenching Medium:	Water quenched	

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	% Reduction Area	Hardness (HBW)	Proof Load (Kn)
Specified	Min.	586	241	30	-	-
	Max.	-	-	-	-	-
Actual Results:	643.00	392.00	46.12	-	187, 192, 189	-
Impact Test Results	Charpy V Notch Impact Test			AVG Value	Lateral Expansion	
	Specified Value (J)	-	-	-	Value 1	Value 2
	Achieved Value (J)	-	-	-	-	-
Lab TC No.:	-					Lab Name :
						Result :
						Satisfactory.

Item Details

Po Sr.No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	STUD BOLT M20-2.5P	60mm	10.00 NOS

Remarks :-

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