

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ASTM F2281 UNS N07725-2023	TC No. : S42/26-XX
SWO No. : -	Bar Shape : Round Bar	Bar Size : 12 mm
PO No. : -	RM TC No. : -	Lot No. : -
Date : -	TC Date : 13.06.20XX	INV. No./Date : -

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	Nb+Ta	Al	Fe	-	-	-	-	Ti	-	-
Min. :	-	-	-	-	-	19.00	55.00	7.00	2.75	-	-	-	-	-	-	1.00	-	-
Max. :	0.030	0.35	0.015	0.010	0.20	22.50	59.00	9.50	4.00	0.35	-	-	-	-	-	1.70	-	-
Actual :	0.013	0.17	0.009	0.004	0.07	20.36	57.62	8.03	3.15	0.11	Rem	-	-	-	-	1.16	-	-
Lab TC No.: -	LabName :										Result : Satisfactory							

HeatTreatmentRecords(PrecipitationHardening)

Heat Treatment Process	SolutionAnnealing	Tempering	Retempered
Temp. °C Min. :	10XX°C	73X°C	62X°C
Temp. °C Recorded :	-	-	-
Soaking Time :	-	-	-
Quenching Medium :	Aircool	Furnacecool	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.	1034	827	20	35	-
	Max.	-	-	-	43	-
Actual Results:	623.65	342.09	45.21	-	37, 39, 35	-

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 Head Bolt M12-1.75P	60mm	10.00NOS

Remarks: -

- 01) Material & Test Specimen Approved
- 02) 100% Visual Inspection carried out and found free from defects
- 03) Mechanical Properties & Dimensions are verified as per specification 100%
- 04) Material Label & Marking compliance requirements have been satisfied
- 05) No work order pending
- 06) All mechanical test results are within the specified limits as per the test results and as per the customer order requirements
- 07) All dimensions are as per the specification. 100% 100% 100%
- 08) Material mechanical test results are as per the specification of EN 10204-2004

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