

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ASTM F468 UNS N06035 (G35)-2023	TC No. : S33/26-XX
SWO No. : -	Date : -	Bar Shape : Round Bar
PO No. : -	Date : -	Bar Size : 12 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	W	V	Al	Cu	Co	-	-	-	Ni
Min. :	-	-	-	-	-	32.25	-	7.60	-	-	-	-	-	-	-	-	-	-
Max. :	0.050	0.50	0.030	0.015	0.60	34.25	-	9.00	2.00	0.60	0.20	0.40	0.30	1.00	-	-	-	-
Actual :	0.0140.21	0.023	0.002	0.32	32.78	-	-	8.12	0.932	0.12	0.04	0.03	0.02	0.21	-	-	-	Rem
Lab TC No.: -	LabName : -										Result : Satisfactory							

Heat Treatment Records

Heat Treatment Process	SolutionAnnealing
Temp. °C Min. :	11XX°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.	586	241	30	-	-
	Max.	-	-	-	90	-
Actual Results:	712.31	374.18	46.23	-	83, 84, 84	-

Impact Test Results	Charpy V Notch Impact Test				AVG Value	Lateral Expansion		
	Specified Value (J)	-	-	-	-	Value 1	Value 2	Value 3
	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	80mm	10.00NOS

Remarks: -
01) Material & Heat Treatment Certificate
02) 100% Visual Inspection Report as per EN 10204-2004
03) Material, Heat Treatment & Inspection Certificate as per EN 10204-2004
04) Material Certificate of the Manufacturer as per EN 10204-2004
05) Material Certificate of the Manufacturer as per EN 10204-2004
06) Material Certificate of the Manufacturer as per EN 10204-2004
07) Material Certificate of the Manufacturer as per EN 10204-2004
08) Material Certificate of the Manufacturer as per 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