

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC			Material :	ASTM A194 GRADE 7M ED-2026			TC No. :	SN09/26-XX		
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size	22 mm	TC Date :	12.05.20XX		
PO No. :	-	Date :	-	RM TC No. :	-	Lot No. :	AKF-XX	INV. No./Date	-		

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min. :	0.38	0.75	-	-	0.15	0.80	-	0.15	-	-	-	-	-	-	-
Max. :	0.48	1.00	0.035	0.040	0.35	1.10	-	0.25	-	-	-	-	-	-	-
Actual :	0.40	0.80	0.022	0.009	0.21	0.92	-	0.18	-	-	-	-	-	-	-
Lab TC No.:	XXXX			Lab Name :	XXXX			Result :	Satisfactory						

Heat Treatment Records

Heat Treatment Process	Hardening Temp. °C	Tempering Temp. °C	Solution Annealing Temp. °C
Temp. °C Min. :	88X°C	62X°C	-
Temp. °C Recorded :	-	-	-
Soaking Time :	-	-	-
Quenching Medium :	Oil Quenched	Aircool	-

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.	-	-		-	-	84		146.0			
	Max.	-	-		-	-	99		-			
Actual Results:		-	-		-	-	86, 88, 87		147.1			
Impact Test Results		Charpy V Notch Impact Test					AVG Value (J)		Lateral Expansion			
		Specified Value (J)		-	-	-	-	Value 1		Value 2	Value 3	Avg. Value
		Achieved Value (J)		-	-	-	-	-		-	-	-
Lab TC No.:	XXXX		Lab Name :		XXXX		Result :		Not Required for Grade 7M			

Item Details

Po Sr. No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Hex Nut M16-2P, ASTM A194 GRADE 7M	-	40 Nos

Remarks : -
01) Reference is made to the following documents:
02) EN 10204-2004, Material Test Certificate
03) EN 10204-2004, Material Test Certificate
04) Reference is made to the following documents:
05) EN 10204-2004, Material Test Certificate
06) EN 10204-2004, Material Test Certificate
07) EN 10204-2004, Material Test Certificate
08) EN 10204-2004, Material Test Certificate

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