

Material Test Certificate according to EN 10204-2004 : 3.1

Customer : -	Material : ISO 898-2 .CL 10 ED-2022	TC No. : S04/26-XX.
SWO No. : -	Date : -	Bar Shape : Round Bar
PO No. : -	Date : -	Bar Size : 20 mm
	RM TC No. : -	Lot No. : A0XX
		TC Date : 02.04.202X.
		INV. No./Date : -

Chemical Composition Results %

Elements :	C	Mn	P	S	B	Cr	Ni	Mo	V	Sn	Cu	Al	B	Pb	Ca
Min. :	-	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-
Max. :	0.580	-	0.048	0.058	-	-	-	-	-	-	-	-	-	-	-
Actual :	0.403	0.853	0.021	0.024	-	-	-	-	-	-	-	-	-	-	-

Lab TC No.: 25007485	Lab Name : M/s. BMT LAB LLP	Result : Satisfactory
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Heat Treatment Records

Heat Treatment Process	Hardening Temp. °C	Tempering Temp. °C	Solution Annealing Temp. °C
Temp. °C Min. :	8XX°C	3XX°C	-
Temp. °C Recorded :	8XX°C	4XX°C	-
Soaking Time :	X Hours	X Hours	-
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 (HRC)		Proof Load (kN)	
Specified	Min.	-	-	-	-	-	26	259.70		
	Max.	-	-	-	-	-	36	-		
Actual Results:		-	-	-	-	-	28.5, 30.2, 31.0		260.50	
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	-	-	Hexagon Nut M20-2.5P	-	50.00 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