

 ANANKA An ISO 9000-2015 Company	Ananka Fasteners Pvt Ltd. Works: Plot No.-14, Survey No.96&97,Ashoka & Hitech Ind.Estate Golani Waliv, Vasai Road (East) -401208 Dist. Palghar (Maharashtra). Tel : 022-68201301 Email : sales@anankafasteners.com Web Site: www.anankafasteners.com																																																																		
Material Test Certificate according to EN10204-2004 : 3.1																																																																			
Customer: Sample MTC SWO No.: Date: PO No.: Date:		Material: - ASTM A1082 S32760 EDT. 2024 Bar Shape: ROUND BAR Bar Size: 20 MM Lot Heat No. No.: RXXXX																																																																	
		T.C. No: SXX/26-27 Date: 1X/0X/202X Inv.No.: Inv.Date:																																																																	
CHEMICAL COMPOSITION%																																																																			
<table><tr><th>Elements</th><th>C</th><th>Mn</th><th>P</th><th>S</th><th>Si</th><th>Cr</th><th>Ni</th><th>Mo</th><th>N</th><th>Cu</th><th>W</th><th>PREN</th></tr><tr><td>Min :</td><td></td><td></td><td></td><td></td><td></td><td>24.000</td><td>6.000</td><td>3.000</td><td>0.240</td><td>-</td><td></td><td>40.000</td></tr><tr><td>Max :</td><td>0.030</td><td>1.200</td><td>0.035</td><td>0.0200</td><td>0.800</td><td>26.000</td><td>8.000</td><td>5.000</td><td>0.320</td><td>0.500</td><td>-</td><td></td></tr><tr><td>P Actual:</td><td>0.021</td><td>0.821</td><td>0.018</td><td>0.0030</td><td>0.23 7</td><td>25.380</td><td>6.890</td><td>3.853</td><td>0.258</td><td>0.361</td><td>-</td><td>42.220</td></tr><tr><td>H Actual:</td><td>0.019</td><td>0.792</td><td>0.015</td><td>0.0020</td><td>0.31 6</td><td>25.421</td><td>6.743</td><td>3.685</td><td>0.264</td><td>0.332</td><td>-</td><td>41.810</td></tr></table>			Elements	C	Mn	P	S	Si	Cr	Ni	Mo	N	Cu	W	PREN	Min :						24.000	6.000	3.000	0.240	-		40.000	Max :	0.030	1.200	0.035	0.0200	0.800	26.000	8.000	5.000	0.320	0.500	-		P Actual:	0.021	0.821	0.018	0.0030	0.23 7	25.380	6.890	3.853	0.258	0.361	-	42.220	H Actual:	0.019	0.792	0.015	0.0020	0.31 6	25.421	6.743	3.685	0.264	0.332	-	41.810
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Lab Report No:- Lab Name:- Result: Satisfactory																																																																			
HEAT TREATMENT																																																																			
SOLUTION ANNEALING TREATMENT Temp Min°C : 1025°C - 1125°C Hold Time 2 hours. Temp Recorded °C : 1050°C Quenching medium : Water Quench																																																																			
MECHANICAL PROPERTIES (TEST METHOD: ASTM A370-2024)																																																																			
PROPERTIES	TENSILE STRENGTH MPa	YIELD STRENGTH 0.2 % offset MPa	ELONGATION (%)	REDUCTION AREA (%)	HARDNESS BHN/HRC/HRB/Hv																																																														
Specified { Min : Max : Actual:	800.000 895.76	550.000 674.64	15.000 38.65	--- 67.43	HRC 33.00 26.3 0, 26.80, 27.30																																																														
Result: Satisfactory			HRC																																																																
Charpy test V- Notch at -101°C			AVG Value LATERAL EXPANSION AT																																																																
Impact Test	Specified Value J	-	-	-	Value 1	Value 2	Value 3	Avg. Value																																																											
	Achieved Value J	-	-	-	----	----	----	----																																																											
Result : Satisfactory			SURFACE COATING PROCESS Bright Finish																																																																
TC. No./Date/ Name : Same as above																																																																			
ITEM DETAILS																																																																			
SRL	Item NO. / Description	Length	DWG No./ Rev No.	Item Code	Quantity																																																														
01	M20-2.5P STUD BOLT	85mm	-	-	10.00 Nos																																																														
We certify that the fastener was manufactured sampled, tested and inspected in accordance with the specification and the results have been determined to meet the requirements of the specification.																																																																			
Remarks: -																																																																			
Material Confirms To : ASTM A 1082 S32750. MSS No. : - Dimensions as per : As Per STD Threads As per : As Per STD Any Other Procedure : - - - Marking & MFG ID : AKF 32760			Special Requirements: - PMI: SATISFACTORY LPE: UT: SATISFACTORY MPI:			For Ananka Fasteners Pvt. Ltd.  Authorized Signatory																																																													