

SLR METALIKS LIMITED

TEST CERTIFICATE

SLR		Sy.No.632, Na	IVI H	No.632, Narayanadevarakere, H.B.Halli, Tq. Bellary District, 583	alli, Tq. Bellar	Sy.No.632, Narayanadevarakere, H.B.Halli, Tq. Bellary District, 583 222			S-SVA
Passered in Passers			TES'	TEST CERTIFICATE	IFICAT	ť			VNI T
CUSTOMER NAME	P	PROCESS ROUTE	Е	BLOOM SIZE	SUP	UPPLY CONDITION	TO NO.	INVOICE NO.	DATE
M/S SSB ENGINEERS PVT.LTD	MBF	MBF-EOF-LRF-VD-CCM- (EMS/AMLC)-RMS	IS	200×200		As Rolled	25021226	SE24Y-15613	21-Feb-2025
CUSTOMER SPECIFICATION	HEAT NO.	HEAT NO. GRADE	SIZE (mm)	REDUCTION	LENGTH (mm)	COLOUR CODE	QUANTITY (MT)	BUNDLE	VEHICLE NO
Fiat Auto 52414/01, Dated 11.02.2002	53798	53798 20MNCR5HL 80 DIA	80 DIA	7.96:1	5500 TO 6000	Yellow+Blue	7.090	8	JH05DK0599
. CHEMICAL COMPOSITION									

					13	hoos				A PAR	De	10	-	Γ	Mallod	7						-	Disalear H	Ű.				
-1						1			RA	2		J. L. C.	3.E		1					3.1	1, type	04:200	EN102	s per	lificate i	5. Inspection Certificate as per EN10204:2004, type 3.1	Inspec	CT.
-		And the Personal Property of the Personal Prop		Since the second	A CONTRACTOR OF THE PARTY OF TH	appendiately better	Manage Biopolement			1	Cac.	E	-		-		1			on.	ecificati	ner spe	custor	to the	forming	Material is conforming to the customer specification.		4
					and or service and	Name (Survey) (Substitution of Survey)				0		1/G		and distribution	1			limits.	The material is comply with ROHS (Pb,Cd,Hg,Cr+6) permissible limits.	r+6) per	d,Hg,C	(Pb,C	ROHS	with	comply	naterial i	. The n	ω.
			Andrew Partition of the							1	KERU (P	10	/		1						С	Pearlite	ite + I	m Feri	: Unifor	Microstructure: Uniform Ferrite + Pearlite	1	2.
1		and the second s													1						e - 1	Grade	S 3739	ıs per l	rence: e	Dimension tolerence: as per IS 3739 Grade -	. Dimer	_
1																								-		CKS	6. REMARKS	6.
		And the contract of the contra							-		-		Botter Than C2R2S2	Bott C;	0.24		7	1		'		0 -	0.5	0 0	0	0.0 0.5	Actual 1.5	Acı
		on	Material is free from radioactive contamination	re cont.	lioactiv	rom rac	is free fi	aterial	3		-	<u> </u>	2,S2 Max	-	1% of dia	Ė	5 or finer		,	'		3.0 -	3.0	3.0 3.0	3.0	3.0 3.0	3.0	Spec
IX	100% Bars checked for Mix-Up by PMI & Spark - Found OK	nuk - Fi	II k Sp	by Pl	Mix-Up	ed for N	rs check	10% Bai	11.		_		(ASTM E-381)		AST'M E-1077		E112)	0+S	0	S		Н	Н	н	Н	н	H	
1 8	100% Bars Checked by NPI - Found OK & Material is free from surface defects	Mater	3 OK &	Found	MPI -	ked by	100% Bars Checked from surface defects)0% Ba	<u></u>						(%)				•		SCI	ם	Д	Ω	В	>		
		Ж	100% Bars Checked by Manual UT - Found OK	JUT-	Manua	ked by	rs Check)0% Ba		UPSET	DOWN		MACRO- STRUCTURE		TOTAL		GRAIN	2)	(As Per DIN 50602)	(As Per			FING	ASTM E45)	INCLUSION RATING (ASTM E45)			
												TESTS	OTHER TESTS	5										74	АН	4. METALLOGRAPHY	METAL	4
-	<u>.</u>		23.4	25.2 2	29 4 2	30.8 29	32.1 3	34.6	36.9	41.8	13.8	45.5	Actual	'		172-178	Actual	1	36.8				16.2		1247	1162	Actual	Act
			30.0	31.0 3	33 0 3	34.0 3:	36.0 3	38.0	41.0 :	43.0 '	45.0 '	46.0	Max	'		240	Max		1				•		1420		пх	Max
		· ·	21.0	23.0 2	26.0 2	27.0 20	29.0 2	31.0	34.0	37.0	39.0	41.0	Min	1	="	ı,	Min		25			,	œ		1200	885	5	Min
			125	J20 J	J15 J	JIS	J11 J	J9	J7	72	ЈЗ	J1.5				As Rolled (BHN)		2mm)	(Charpy) (V-Notch 2mm) (RT) Joules	Charpy) ((RT		,	% EL		UTS Mpa	YS MPa		11.
	Continued Contact of the Continued						RD: -)	TANDA	mm (S'	UNIT:	JOMINY DISTANCE UNIT: mm (STANDARD: -)	NY DIS	JOMII		NESS	HARDNESS		red) -	IMPACT TEST (Quenched & Tempered) -	IMPA Quenched		A370	ASTM	PROPE	TENSILE PROPERTIES (Quenched & Tempered) ASTM A370	(Quenc		
	The second secon		Company of the Compan	The state of the s				HRC)	TY (in	ANBILI	JOMINY HARDENABILITY (in HRC)	I ANIW	3. JO											51	PERTIES	2. PHYSICAL PROPERTIES	PHYSIC	2
	15.3	27	1.12	1.680	0.001	0.0054	0.0001	0.0001	.0010	.0005 0	.0001	.0010 0	1.0006 0	0.0002 0.0007 0.0006 0.0010 0.0001 0.0005 0.0010 0.0001 0.0001 0.0054 0.001		30 0.019	0.0030	0.028 0.006	0.031 0.	0.016	0.010	1.155	0.023	0.018	1.240	86 0.242	Actual 0.186	Act
	20.0	90.0	2.00					,	•	'	,	'	'	,	1	'		'	0.040	-	-	1.300	0.040	0.035	1,400	20 0.400	Max 0.220	Z
			di .	2.000						'	1	•	1	ı		,	1,	'	0.020	-	-	1.000	0.020		1.100	70 0.150	in 0.170	Min
) (ppm)	(ppm)	(mated)	Allez Ratio	24	8	Bi	W	РЬ	Sn	Зb	Лв	Ca	Nb	В	Cu	EL.	Alsol V	AI A	N:	Мо	Ç	S	ħ	Mn	Si	% C	,,
				ALL STREET, ST	Carter and		-																	N.O.	IL COLL	1. CHEMICAL COMPOSITION	CHEMI	-

Dec.No:IMSR/QA/70,Rev No.01,Rev Date:24.04.2024

Diwakar II Prepared By

Mallesh Naik M Roviewed & Issued By

Practish Angadi Authorised Signatory