SLR Metaliks

SLR METALIKS LIMITE

Sy.No.632, Narayanadevarakere, H.B.Halli, Tq. Bellary District, 583 222



TEST CERTIFICATE

	ry	Angadi Signator	Practish Angadi Authorised Signatory	Aut	1	7	1			Ву	Prashant Reviewed & Issued By	Roview						A 4	Anil Kumar B V Prepared By	Anil Pr				
		100	ditte		NA.	75	10	, , ,			Bagharath B	60		S7-24				3.0	Mil Kunge I3.V	A Li				
		_	_	Ĩ) (M	10/0	13. TA	S.E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					J. C		.1	type 3	04:2004,	Inspection Certificate as per EN10204:2004, type 3.1	e as per	rtificate	ion Cer	nspect	5. Iı
					A.J	7.	2 4	I Li	T.							Ď.	rificatio	ner spec	Material is conforming to the customer specification.	ng to th	nformir	al is co	Materi	4. 1
					*		2	VG		126				imits.	permissible limits		Hg,Cr-	(Pb,Cd	The material is comply with ROHS (Pb,Cd,Hg,Cr+6)	oly with	is comp	aterial	The m	3. T
					W.	1:	くんじん					DESCRIPTION OF THE PERSON OF T						Pearlite	Microstructure: Uniform Ferrite + Pearlite	orm Fe	e: Unif	tructur	Micros	2. \
Us, Date	or, kev no. or, kev date 07.05.2021 (her Std: Dana Or 1001, kev os, Date	a: DA	Ker St	5.2021	e 07.0	ev dat) SI	ev No.	OI, K	Į.	14.06.2024)						- 1		as per IS 3739 Grade	as per	Dimension tolerence:	sion tol	Dimen	1. E
										1												KS	REMARKS	6. RI
						'		0K	an	Better Than C2R2S2	0.21	_	7				7	0.0 -	0.5	0.0 0.0	0.5 0.0	0.5 0	1.0	Actual
	Material is free from radioactive contamination	adioacti	from re	ıl is free	Materi	'		,	lax	C2,S2,R2 Max	0.6%of dia C	0.6	5-8	T	1			1.0	1.0	0.5 0.5	2.0 1.0	1.5 2	2.0	Spec
Found OK	100% Bars checked for Mix-Up by PMI & Spark - Found OK	Mix-U	ked for	lars che	100% E	'		(IS 4075)		(ASTM E-381)			(ASTM E112)	S+0	0	7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S	н	н	T	TH	Н	Ŧ	
erial is free	100% Bars Checked by MPI - Found OK & Material is free from surface defects	y MPI	ecked by fects	100% Bars Checked from surface defects	100% l from su	f					(%)			122				DS	D	C	В		Α	
	100% Bars Checked by UT - Found OK	/ UT -)	cked by	lars Che	100% E	UPSET	UP	DOWN		MACRO- STRUCTURE	TOTAL DECARB S		GRAIN SIZE	14100	(As Per DIN 50602)	(As Per L			ATING -13)	(ASTM E45-13)	INCLUS (AS)			
								S	TESTS	5. OTHER											ΥН	METALLOGRAPHY	ETALL	4. ME
	44.0 40.7 38.5	46.3	50.5	51.8	52.3	54.2	55.7	56.6	57.5	Actual	-	212-217	Actual 21	A	'				21.4		1045	965		Actual
1	50.0 48.0 46.0	53.0	54.0	54.0	55.0	56.0	57.0	58.0	58.0	Max		240	Max	17	,			•	1	8	1080	•		Мах
1	39.5 37.5 36.0	42.5	44.0	45.5	47.5	50.0	51.0	52.0	52.5	Min	-	i	Min		1			,	12	0	880	685		Min
	J20 J25 J30	J15	J13	J11	J9	J7	J5	J3	J1.5			As Rolled (BHN)	As (1		% EL	ğ vă	UTS Mpa	YS MPa		
				ARD: -)	STAND	JOMINY DISTANCE UNIT: mm (STANDARD: -)	E UNI	STANC	INY D	мог	ESS	HARDNESS			IMPACT TEST	IMPAC		1 E8	TENSILE PROPERTIES (Quenched & Tempered) ASTM E8	PROP	CENSILE	T (Quen		
				100	HRC)	3. JOMINY HARDENABILITY (in HRC)	ENABI	HARDI	ANIMC	3. J										S	2. PHYSICAL PROPERTIES	L PRO	IYSIC	2. PH
77.2 14.1	4.160 1.39	0.001		0.0010 0.0001 0.0001 0.0010 0.0001 0.0001 0.0057	0.0001	0.0010	0.0001	0.0001	0.0010		0.0001 0.0006 0.0006		0.0037 0.017	0.006	0.032 0.029	0.018 0.	0.011	1.242	0,025	0.012	0 1.070	7 0.260	0.367	Actual
0.0 20.0	- 2.50 120.0	,	1	1	1	1	1	1	'	0.0010	0.0005 -	0.300 0	•		0.050 -	0.300 0.0	0.100	1.300	0.030	0.020	0 1.100	0.400	0.400	Max
	2.100 - 60.0	,	, î.	ı	4		ı	ı	1	1	1	-	•		0.020 -	- 0.	1	1.000	0.015	,	0.800	0 0.150	0.330	Min
2 O2 m) (ppm)	Ratio (ppm) (ppm)	Zr	c,	Bi	W	РЬ	Sn	dS.	As	Ca	B Nb	Cu	71	ol V	Al Alsol	Ni /	Мо	Cr	S	P	Mn	Si	C	%
																				ION	CHEMICAL COMPOSITION	AL CON	EMIC	1. CH
JH05DK0399	16 ЈН		31.850	31.		Æ	ORANGE	0	8	69		10.39:1	AIC	70 DIA	35CRMN5		54187	Ref Std:	TDS No.01, Rev No.01, Rev date:07.03.2021 (Ref Std: DANA QF 1001, Rev-03, Date 14.0	date:07. ev-03,D:	.01,Rev 1001, R	Rev No NA QF	No.01,	TDS
VEHICLE NO.	BUNDLE VE	0	TY (MI	QUANTITY (MT)		CODE	COLOUR CODE	COL		LENGTH (mm)	TION	REDUCTION RATIO		SIZE	GRADE		HEAT NO.		NTION	CIFICA	CUSTOMER SPECIFICATION	MOLSN	C	
22-Feb-2025	SE24Y-15638 22	to	25021251	250%			-	As Rolled	1		00	200×200	-0-	-EMS-A	MBF-EOF-LRF-VD-CCM-EMS-AMLC- RMS	OF-LRF	MBF-I		T.LTD	ERS PV	M/S SSB ENGINEERS PVT.LTD	S SSB E	Ά,	
DATE	INVOICE NO.		TC NO.	TC			MOLLIC	SUPPLY CONDITION	ITAGU	2	SIZE	(mm)		TE	PROCESS ROUTE	PROC			E)	NAME	CUSTOMER NAME	cus		
V					-	-							Annual Sections	W. Charles Charles at Salvana	ACCOUNT TO SELECT T	CLARCY MACHINETO ELECTR.	A HORSENSON IN	Charles of the same of the same of	The second secon					

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