



Tata Steel Limited

Regd. Office: Bombay House 24, Homi Modi Street, Fort, Mumbai 400001
Phone - 022 66658282 Fax - 022 66657724 CIN No - L27100MH1907PLC000260
Website-www.tatasteel.com

Quality Code	: 802IHT
Invoice No.	: 2410830519
Material No	: 000000000001503081
Material desc	: IHT Spring Wire SAE9254 8.00 mm TW200
Manufactured at	: Spring Steel Plant, Plot no. F-8, MIDC Tarapur, Boisar, 401506
Tested at	:
Customer Name	: SAGAR SPRINGS PRIVATE LIMITED
Cust. Address	: HALOL - KALOL HIGHWAY NEAR LUCKY, HALOL, 389350.

Certificate of Analysis	
ULR No.	Not Applicable
Delivery Number	902479541
Lot number	0902479541
Delivery/Issue Dt	12/10/2022
Truck No.	MH48BM5654
No. of Coils/Spools	4
Net Wt. (MT)	7.937

Chemical Composition

Elements	%C	%Mn	%Si	%S	%P	%Cu	%Cr
Min	0.510	0.600	1.200	-	-	-	0.600
Max	0.590	0.800	1.600	0.025	0.025	0.120	0.800
Testing Method	-	-	-	-	-	-	-
C68570	0.540	0.710	1.360	0.003	0.017	0.006	0.700
C68571	0.590	0.720	1.310	0.003	0.017	0.006	0.730
C68588	0.540	0.720	1.400	0.005	0.015	0.005	0.710

Physical Properties

Coil No. \ Prop	DIA	OVLITY	UTS	RA	D_CARB	D_ETCH	ECMARK	HT_NO
UOM	mm	mm	MPa	%	mm	mm	NOS	-
Testing Method	-	-	-	-	-	-	-	-
Spec. Min	7.950	-	1910.0	35.00	0	0	-	-
Spec. Max	8.050	0.050	2060.0	-	0.070	0.070	15	-
921	8.006	0.030	1934.826	58.50	PASS	PASS	6	C68570
923	8.005	0.020	1933.649	55.10	PASS	PASS	6	C68571
924	8.003	0.023	1948.462	47.70	PASS	PASS	5	C68588
926	8.004	0.024	1937.377	48.10	PASS	PASS	7	C68570

Physical Properties Descriptions :

DIA-Diameter OVLITY-OVALITY UTS-Ultimate Tensile Strength RA-RA D_CARB-DECARB D_ETCH-DeepEtch ECMARK-NO OF MARKS HT_NO-Heat No

We certify that the material described above conforms to your order.

Remarks : PARTIAL DECARB AND DEEP ETCH LIMIT IS MAX 0.07 MM NO COMPLETE DECARB OBSERVED.

Approved by:
Signature valid

Digitally signed by SURESH GOVINDRAO MAHAJAN
Date: 2022.10.12 22:48:50 IST
Location: Tarapur

Quality Assurance