

Wide-circulation Draft

BUREAU OF INDIAN STANDARDS*(Not to be reproduced without permission of BIS or used as an amendment to Indian Standard)***Draft AMENDMENT NO. 1****TO****IS 648 : 2022 COLD ROLLED NON-ORIENTED ELECTRICAL STEEL SHEET AND
STRIP - FULLY PROCESSED TYPE - SPECIFICATION***(Sixth Revision)*

ICS No. 77.140.40

Wrought Steel Products Sectional Committee
Sectional Committee, MTD 04Last date of comments:
04 October 2025*(Page 3, Table 1)* – Insert the following grades in Table 1 in 0.35 mm thickness:

Designation	Nominal Thickness mm	Maximum Specific Total Loss W/Kg			Minimum a.c. Magnetisation in T			Maximum anisotropy of loss percent at 1.5 T	Minimum Stacking Factor	Minimum Numbers of Bends	Conventio nal Density Kg/dm ³
		1.0 T	1.5 T		2 500 A/m	5 000 A/m	10 000 A/m				
		50Hz	50Hz	60 Hz							
35C210	0.35	0.90	2.10	2.65	1.49	1.60	1.70	±17	0.95	2	7.60
35C440		1.70	4.40	5.52	1.54	1.64	1.74	±17		3	7.70

(MTD 04)