

HIB CRGO Grade	Nominal Thickness mm	Maximum Specific Total Loss at 1.7 T W/kg		Minimum Polarization in Tesla at a Field Strength of 800 A/m	Minimum Stacking Factor
		50Hz	60Hz		
(1)	(2)	(3)	(4)	(5)	(6)
23HP75d	0.23	0.75	0.99	1.85	0.945
23HP80d	0.23	0.80	1.04	1.85	0.945
23HP85d	0.23	0.85	1.12	1.85	0.945
23HP90d	0.23	0.90	1.19	1.85	0.945
23HP95	0.23	0.95	1.25	1.85	0.945
23HP100	0.23	1.00	1.32	1.85	0.945
27HP85d	0.27	0.85	1.12	1.85	0.950
27HP90d	0.27	0.90	1.19	1.85	0.950
27HP95d	0.27	0.95	1.25	1.85	0.950
27HP100	0.27	1.00	1.32	1.88	0.950
27HP110	0.27	1.10	1.45	1.88	0.950
30HP95	0.30	0.95	1.25	1.88	0.955
30HP100	0.30	1.00	1.32	1.88	0.955
30HP105	0.30	1.05	1.38	1.88	0.955
30HP110	0.30	1.10	1.46	1.88	0.955
30HP120	0.30	1.20	1.58	1.88	0.955
35HP110	0.35	1.10	1.45	1.88	0.960
35HP115	0.35	1.15	1.51	1.88	0.960
35HP125	0.35	1.25	1.64	1.88	0.960
35HP135	0.35	1.35	1.77	1.88	0.960

NOTES

1. Normally grain oriented steel CRGO tests should be performed at 50 Hz. However, countries where power supply at 50 Hz is not available, testing may be carried out at 60 Hz and accordingly product shall conform to the specified values given in the above Table. However, in all such cases, the CRGO product shall also conform to the specified values of above Table of CRGO when tested in importing country having power supply at 50 Hz.
2. High permeability CRGO grades may be delivered in domain refined condition (reference suffix). The magnetic properties of some domain refined material may deteriorate when the material is subjected to heat treatment.
3. In case where material gets deteriorated when subjected to heat treatment, the domain refined CRGO grades need to be checked by Single Sheet method as given in **14.5** and as per IS649. For other CRGO lamination or cores grades /other types of domains refined CRGO grades which do not deteriorate when subjected to heat treatment, the test method shall be as Epstein as given in **14.1** and as per IS 649 CRGO.