H100-27

CRGO performance data

Query summary

Grade	H100-27
Mill and thickness	Aperam · 0.27 mm
Published frequency	50 Hz / 60 Hz
Published flux density range	1.7 T
Distinct flux density levels	1
Properties	Specific core loss · Magnetic induction

50 Hz performance

Table 01 · Epstein (IEC 60404-2) · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.00

60 Hz performance

Table 02 · Epstein (IEC 60404-2) · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.32

Other properties

Frequency not separately reported
Table 03 · Epstein (IEC 60404-2)

Field strength (A/m)	Magnetic induction Guaranteed minimum · T
800	1.88

A dash indicates a value that was not published.

Manufacturer sources and test conditions

Use table and row references to find the original test conditions.

Aperam

Electrical Steels – Sustainability and efficiency

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PDF page 11 · Table 01,02,03

Table 12, guaranteed magnetic properties · Epstein (IEC 60404-2)

Notes on test conditions Epstein, 100% rolling-direction stress-relief-annealed samples under IEC 60404-2. The catalog describes agreement-dependent laser-scribing alternatives with the tabulated characteristics maintained.

Independent compilation

Compiled by Chenfan Electric from published mill data.
Mill specifications and written order terms govern acceptance. Typical and reference values are for assessment.
Strip data are for engineering reference. Finished-core loss requires separate validation.
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