

Scoring criteria	<p>Each item will be allocated a score out of the maxima shown in brackets in the list below, and the scores added up. Full information will score 100 marks.</p> <ul style="list-style-type: none"> <li>• Guaranteed minimum values of remanent field (Br), coercive force (Hc), intrinsic coercive force (Hci) at 25°C after thermal stabilisation. <b>(3.00%)</b></li> <li>• Permeability in the orthogonal direction to the direction of magnetisation at 25 °C. <b>(2.00%)</b></li> <li>• Representative demagnetisation curves at different temperatures. <b>(2.00%)</b></li> <li>• Reversible and irreversible changes in magnetisation as a function of temperature. <b>(2.00%)</b></li> <li>• The relative homogeneity of magnetisation. <b>(3.00%)</b></li> <li>• Expected long-term variation in properties at 25 °C for the given block dimensions. <b>(2.00%)</b></li> <li>• The maximum deviation of the direction of magnetisation from the nominal direction. <b>(2.00%)</b></li> <li>• The maximum working temperature of the block. <b>(2.00%)</b></li> <li>• The composition of the block, i.e. whether it is a single block or an assembly of several blocks <b>(2.00%)</b></li> </ul> <p>Maximum marks 20.00%</p>
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