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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 11026.6-2010

**Electrical insulating materials -- Thermal endurance properties
-- Part 6: Ageing ovens -- Multi-chamber ovens**

电气绝缘材料耐热性 第6部分：老化烘箱 多室烘箱

(English Translation)

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Foreword

GB/T 11026 "heat resistance and electrical insulating materials," including the following six sections.

- Part 1. Ageing procedures and evaluation of test results;
- Part 2. Test selection criteria;
- Part 3. Calculation procedure thermal characteristic parameters;
- Part 4. Ageing ovens - Single - chamber ovens;
- Part 5. aging oven temperature of 300 °C Precision oven;
- Part 6. Ageing ovens - Multi-chamber ovens.

This section is GB/T Part of 611,026.

This section identical with IEC 60216-4-3:2000 "Electrical insulating materials - Thermal resistance - Part 6. Ageing ovens - Multi-chamber ovens." this section identical with IEC 60216-4-3:2000 when made editorial changes as follows.

- Remove the standard "Preface."
- This part of the reference documents, has been converted to our standards, together with a list of transformation of our standards with international standards and degree.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Electrical insulation materials and insulation systems assessment Standardization Technical Committee (SAC/TC301) centralized.

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Heat-resistant electrical insulating materials Part 6. Ageing ovens - Multi-chamber ovens

1 Scope

GB/T 11026 provisions of this section, including an electrically insulating material with a heat resistance of assessment or other appropriate thermal conditioning applications (NA Single Chamber oven aging) heat aging for evaluation of a multi-chamber of the basic requirements of ventilation and heating oven.

This section applies to the oven until the 20K increase in the ratio of 500 °C ambient temperature of the whole or part of the operating temperature range.

This section also presents the aging oven containing the sample under the conditions and do not install the sample for acceptance testing and performance monitoring tests.

2 Normative references

The following documents contain provisions which, through reference GB/T 11026 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

Aging procedures and evaluation of test results. GB/T 11026.1-2003 heat resistance, electrical insulating materials - Part 1 (IEC 60216-1:2001, IDT) GB/T 11026.3-2006 heat resistance, electrical insulating materials - Part 3. Calculation procedure thermal characteristic parameters (IEC 60216-3:2002, IDT) GB/T 11026.4-1999 determine the electrical insulation material heat resistance guide - Part 4. Ageing ovens - Single - chamber ovens (IEC 60216-4-1:1990, IDT)

3 Terms and Definitions

The following terms and definitions apply to this section.

Exhaust rate rate of ventilation Oven temperature aging chamber hour exposure to air replacement amount under. Air flow rate calculations to work with the inner volume of intersecting planes exposure chamber the cross-sectional area of the subject, and assuming a one-way air flow.

Exposure volume Aging inside the oven (when the cartridge using iso, iso box also refers) to the effective sample is placed in the space.

Exposure temperature (see "Integrated temperature exposure") exposure temperature

(see also global exposure temperature) Effects obtained when determining the temperature of the sample and the standard aging test, a sample of the aging temperature selected.

Temperature fluctuations temperature fluctuation the maximum exposure to changes in the volume of a point temperature occur within 3h time.

Temperature difference the maximum temperature difference between any two points at any time between the volume.