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

GB/T 7672.1-2008

Replacing GB/T 7672.1-1987

**Glass-fiber wound winding wires -- Part 1: Glass-fiber wound
rectangular copper wire -- General requirements**

玻璃丝包绕组线 第1部分：玻璃丝包铜扁绕组线 一般规定

(English Translation)

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Foreword

GB/T 7672 "fiber covered winding wire" is divided into 15 parts.

- Part 1. Glass pack flat copper winding wire - General requirements;
- Part 2. 130 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire;
- Part 3. 155 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire;
- Part 4. 180 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire;
- Part 5. 200 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire;
- Part 6. Glass film wound flat copper wire;
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- Part 9. polyester fibers and fiber wound copper flat wire and enamelled copper flat wire (under consideration);
- Part 12. Self-adhesive glass package winding copper flat wire (under consideration);
- Part 21. Glass round copper wire - General requirements;
- Part 22. 155 impregnated, bare copper wire and glass-fiber covered enamelled round copper wire;
- Part 23. 180 impregnated, bare copper wire and glass-fiber covered enamelled round copper wire;
- Part 24. 200 impregnated, bare copper wire and glass-fiber covered enamelled round copper wire;
- Part 25. Glass - fiber covered film wrapped round copper wire (under consideration).

This section GB/T 17672 Part of.

This section identical with IEC 60317-0-4:2006 "Standard winding wires - Part 0-4. Glass pack, paint or resin bonded bare or enamelled copper flat wire - General requirements "Version 2.2 (in English).

For ease of use, this section made the following editorial changes.

--- Remove the IEC 60317-0-4:2006 Foreword and Introduction;

--- Chapter 2 applicable to the use of standard quotations removed IEC 60317-0-4:2006 quotations;

--- Increase the informative appendix C, listed IEC 60317-0-4:2006 product model representation and domestic production and adapt to this Product model representation, and product marking in addition to increased product models outside the conductor size and specific product standard number, etc., and GB/T 7672.1-1987 consistent;

--- With a decimal point instead of a comma as the decimal point, "";

--- Increase the informative appendix D "pilot project category." this part identical with IEC 60317-0-4:2006 Fixed the description of several editorial errors. These amendments are as follows.

--- IEC 60317-0-4:2006 revised table insulation type code associated with product standards within 4 is consistent with its Tables 7 and

Table B. 1 insulating type code error, you should Table 7 GradeG1 to GL1, GradeG2 to GL2, Grade2G1 to Grade2GL1, Grade2G2 to Grade2GL2, but also should table B. 1 Grade 2G1 to Grade2GL1, Grade2G2 to Grade2GL2, this section has been amended accordingly.

This Part replaces GB/T 7672.1-1987 "fiber covered winding wires - Part 1. General requirements." this section compared with the GB/T 7672.1-1987, the main changes are as follows.

--- Product Scope. This section is deleted GB T 7672.1-1987 regarding content and round wire/aluminum flat wire;

--- Categories. GB/T 7672.1-1987 structure by product category, according to this part of the heat level classification.

This section of the Appendix A, Appendix B, Appendix C and Appendix D is an informative annex.

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

GB/T 7672.1-2008/IEC 60317-0-4:2006 this part of the National Standardization Technical Committee of wire and cable.

This part mainly drafted by. Shanghai Electric Cable Research Institute.

Participated in the drafting of this section. Shanghai Shen Mao Wire Factory, Changshu Hao Wei Fu Group Co., Ltd., Wuxi City-Chau Electromagnetic Wire Co., Four Chuan Jinrui Electric Co., Ltd., Shanghai Yusheng Special Wire Co., Ltd.

1 Scope

GB/T 7672 this part of the general requirements impregnated, bare copper flat wire or impregnated, bare or enamelled copper flat wire.

Conductor nominal size range in the relevant product standards (see product model and labeled Appendix C).

When GB references mentioned in Chapter 2/T 7672.3, GB/T 7672.4 and GB/T 7672.5 in one standard glass envelope , Should be given the following.

- GB number and/or IEC number;
- Conductor nominal size (narrow broadside size x size), mm;
- Paint and silk cladding thickness class.

Example. GB/T 7672.4-2008 1.00 x 4.00 Grade2GL1 or IEC 60317-314.00 x 1.00Grade2GL1

2 Normative references

The following documents contain provisions which, through GB/T reference in this 7672 constitute provisions of this part. 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.

GB/T 321-2005 priority number and priority number system (ISO 3. 1973, IDT) GB/T 4074.1 Winding wires test methods - Part 1. General requirements (GB/T 4074.1-2008, IEC 60851-1:1996, IDT) GB/T 4074.2 Winding wires test methods - Part 2. Measure (GB/T 4074.2-2008, IEC 60851-2:1997, IDT) GB/T 4074.3 Winding wires test methods - Part 3. Mechanical properties (GB/T 4074.3-2008, IEC 60851-3:1997, IDT) GB/T 4074.4 Winding wires test methods - Part 4. Chemical properties (GB/T 4074.4-2008, IEC 60851-4:2005, IDT) GB/T 4074.5 Winding wires - Test methods - Part 5. Electrical properties (GB/T 4074.5-2008, IEC 60851-5:2004, IDT) GB/T 4074.6 Winding wires - Test methods - Part 6. Thermal properties (GB/T 4074.6-2008, IEC 60851-6:1996, IDT) GB/T 7672.3 fiber covered winding wires - Part 3. 155 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire (GB/T 7672.3-2008, IEC 60317-32:1990, IDT) GB/T 7672.4 fiber

covered winding wires - Part 4. 180 impregnated, bare copper flat wire and glass fiber covered enamelled copper flat wire (GB/T 7672.4-2008, IEC 60317-31:1990, IDT) GB/T 7672.1-2008/IEC 60317-0-4:2006