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

GB/T 7672.5-2008

**Glass-fiber wound winding wires -- Part 5: Glass-fiber wound
resin or varnish impregnated, bare or enamelled rectangular
copper wire, temperature index 200**

玻璃丝包绕组线 第5部分：200级浸漆玻璃丝包铜扁线和玻璃丝包漆包铜扁线

(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;
- Part 7. Glass - fiber mica wrapped flat copper wire (under consideration);
- Part 8. glass film wound sintered copper flat wire (under consideration);
- 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 57672 Part of.

This section identical with IEC 60317-33:1990 "Standard winding wires - Part 33. Temperature 200 index of glass package, resin or paint adhesion bare or enamelled copper flat line "the first and second edition No. 1 amendments (1997) and No. 2 amendments (2005).

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

--- Remove the IEC 60317-33:1990 Introduction and Foreword;

--- Chapter 2 applicable to the use of standard quotations removed IEC 60317-33:1990 quotations.

For IEC 60317-33:1990 amendments No. 1 (1997) and No. 2 amendments (2005), the contents of which have been incorporated into the text, and They are involved in terms of the margin with a vertical double identity.

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

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. Wuxi City Island Wire Co., Ltd., Wuxi Universal Wire Co., Ltd., Shanghai Yusheng Special Wire Ltd., Jiangyin City Arts Copper Co., Ltd., Liaoning Donggang Wire Co., Ltd., Jiangyin City Huayuan Technology Co., Ltd.

1 Scope

GB/T 7672 provisions of this part of the temperature index 200, impregnated, bare copper flat wire and impregnated, bare or Grade 2 paint film thickness Copper flat wire package requirements. Wherein varnish, for example, polyester imide or silicone varnish.

Note: For this type of wire, thermal shock test is not applicable, the thermal shock temperature unspecified, and therefore can not be specified index based on temperature and thermal shock temperature requirements grade.

Enameled one based on the following criteria, and supply and demand should be negotiated.

--- GB/T 7095.4 flat enamelled winding wires - Part 4. 180 polyester enamelled copper flat wire;

--- GB/T 7095.6 flat enamelled winding wires - Part 6.200 polyester or polyester-imide/polyamide-imide enamelled copper Flat line;

--- IEC 60317-30 standard types of winding wires - Part 30. 220 Polyimide enamelled copper flat wire.

Enameled wire used, its lowest heat level should be 180.

Impregnated, bare wire, temperature index depends on the type of varnish used. The varnish impregnated glass fiber preferably has a minimum temperature of 200 index.

Around the cladding thickness is divided into four categories.

- GL1. on a bare conductor wrapped single glass;
- GL2. bare conductor wrapped in double glass;
- Grade2GL1. On level 2 film thickness single wire wrapped glass;
- Grade2GL2. On level 2 film thickness wire wrapped double glass.

Glass cladding can be.

- a) a single glass envelope;
- b) In contrast double glass envelope, two fiber wound direction.

Conductor nominal size range specified in this standard are.

- Broadside size. minimum 2.00mm, maximum 16.00mm;
- Narrow size. minimum 0.80mm, maximum 5.60mm.

A combination of size and narrow size broadside and broadside size ratio and narrow size See provisions GB/T 7672.1-2008's.

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 7095.4 flat enamelled winding wires - Part 4. 180 polyester enamelled copper flat wire (GB/T 7095.4-2008, IEC 60317-28:1990, IDT) GB/T 7095.6 flat enamelled winding wires - Part 6.200 polyester or polyester-imide/polyamide-imide enamelled copper flat wire (GB/T 7095.6-2008, IEC 60317-29:1990, IDT) GB/T 7672.5-2008/IEC 60317-33:1990