

ICS 29.035.99

CCS K 15



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

GB/T 5132.5-2009

Replacing GB/T 5133-1985

**Industrial rigid round laminated tubes and rods based on
thermosetting resins for electrical purposes -- Part 5: Round
laminated moulded rods**

电气用热固性树脂工业硬质圆形层压管和棒 第5部分：圆形层压模制棒

(English Translation)

Issued on: June 10, 2009

Implemented on: December 1, 2009

Issued by: Standardization Administration of China

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Nomenclature and Classification
 - 4.1 Overview
 - 4.2 Naming

Foreword

GB/T 5132 "thermosetting resins for electrical industrial rigid round laminated tubes and rods" contains the following sections.

- Part 1. General requirements;
- Part 2. Test methods;
- Part 3. Round laminated rolled tube;
- Part 4. Round laminated molded tubes;
- Part 5. Round laminated molded rods.

This section GB/T 5132 Part 5.

This section identical with IEC 61212-3-3:2006 section "Electrical thermosetting resins for industrial rigid round laminated tubes and rods 3. Single Materials Specifications Item 3. Round laminated molded rods "(in English).

This part of IEC 61212-3-3:2006 compared to do the following editorial changes. the "Round Table 1 molded bar type" write into Chapter 3, "naming and classification".

This Part replaces GB/T 5133-1985 "laminated rod." this part of GB/T 5133-1985 difference is as follows.

- a) In this section "preface" listed on thermosetting resins for electrical Industrial rigid round laminated tubes and rods composed of standard series section;
- b) Information about the laminated rods "name constitute", "Resin Type" and "reinforcing material types" in Chapter 4, "Nomenclature and Classification" in Detailed provisions, and in accordance with IEC included in all models bar laminate and delete the original domestic model;

- c) Remove the GB/T 5133-1985 in length and deviation requirements;
- d) increasing the "insulation resistance after immersion in water", "long-term heat resistance," and "burning" of the performance requirements;
- e) Remove the GB/T 5133-1985 in on "test methods" are described as a chapter number corresponding clauses included in this section in Table 4 "Round Molded rod performance requirements ", delete the" inspection rules, marking, packaging, transport and storage "chapter.

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

This part of the National Standardization Technical Committee of the insulating material (SAC/TC51) centralized.

This part mainly drafted by. East wood Technology Group Co., Ltd., Beijing Fu Runda New Insulation Materials Co., Ltd., Xi'an Electric Power Engineering Materials Co., Ltd., Guilin Institute of Electrical Science.

1 Scope

This section GB/T 5132 specifies the electrical and reinforced with different resin material from industrial rigid round laminated molded rods classification and requirements. Molded rods scope and identification features specified in Table 1.

This section applies to electric using industrial rigid round laminated molded rods.

2 Normative references

The following documents contain provisions which, through reference to GB/T 5132 to the present, 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.

Part of GB/T 5132.1-2009 thermosetting resins for electrical Industrial rigid round laminated tubes and rods 1. General requirements (IEC 61212-1:2006, IDT) GB/T 5132.2-2009 thermosetting resins for electrical Industrial rigid round laminated tubes and rods - Part 2. Test methods (IEC 61212-2:2006, IDT) ISO 472 Plastics Glossary

3 Terms and Definitions

ISO 472 as required following terms and definitions apply to this section.

In die winding impregnated material layer die off after cured under heat and pressure in a cylindrical mold and then grinding to Regulation Sized formation of a stick.

4.1 Overview

Molded rod according to different resins are employed, reinforcing material, manufacturing method and identification features into different models.

4.2 Naming

Are named as follows.

--- In the first two initials indicate resin;

--- In the next two-letter abbreviation for the reinforcing material;

--- Serial number to two digits. The first number indicates the shape of the product, "4" indicates molded rods, the second number indicates the same A different type of reclassification.

Acronym provisions by 4.3.

Molded rods name is represented by the following.

GB/T 5132.5-2009/IEC 61212-3-3:2006