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

GB/T 32110-2025

Replacing GB/T 32110-2015

Terms and definition of dipped reinforcing materials

浸胶骨架材料术语及定义

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 32110-2015 "Terms and Definitions of Impregnated Frame Materials". Compared with GB/T 32110-2015, except for the structure In addition to adjustments and editorial changes, the main technical changes are as follows.

- a) Delete the terms and definitions such as "cord fabric" in the basic terms (see 2.1 of the 2015 edition);
- b) Changed some product terms and definitions, and added terms and definitions such as "dipped stretch fabric" (see 3.2, 2.2 of the 2015 edition);
- c) Modified some terms and definitions of physical properties and appearance quality, and added terms and definitions such as "twist number" (see 3.3, 2015) Version 2.3).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee on Rubber and Rubber Products of Standardization (SAC/TC35).

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This document was first published in 2015 and this is the first revision.

1 Scope

This document defines the basic terms, variety terms, physical properties and appearance quality terms and definitions of impregnated skeleton materials.

This document is applicable to the conceptual communication in the fields of production, use, scientific research, education, quality inspection, etc. of impregnated skeleton materials.

2 Normative references

This document has no normative references.

3.1.1 dipping solution

Made of chemical raw materials through a certain ratio and process, the emulsion or mixture used in the manufacturing process of the impregnated skeleton material Mix the liquid.

3.1.2 dipped

In order to enhance the bonding performance with rubber, greige fabrics, cords, yarns, sheet substrates and other materials are immersed in the impregnation liquid to allow the impregnation liquid to penetrate into the rubber.

The process of physical and chemical reactions occurring inside the material and through heat treatment, coating the surface of the material and improving the surface activity of the material.

3.1.3

In the rubber industry, white fabrics, cords, yarns, sheet substrates and other materials are made through the dipping process and used as rubber products. Strong material products.

Note. Such as dipped cord fabric, dipped canvas, dipped cord, dipped yarn, tear-resistant dipped mesh, integral fabric core, dipped sheet substrate, etc.

3.2.1.1 dipped cord fabric

Fibers are twisted into single or multiple strands as warp threads to bear the load, and cotton yarn, nylon 66 core-spun yarn, etc. are used as weft threads to fix the warp threads.

The product is made by weaving the white cord fabric according to a certain pattern, and then going through the production process of dipping, heat treatment, etc.

Note. The warp is also called cord or dipped cord, and the weft is also called weft yarn.

3.2.1.2 dipped canvas

The warp and weft threads made of twisted fibers are woven into fabrics in an interwoven manner, and then processed through processes such as dipping and heat treatment. Products made from.