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Gum rosin

脂松香

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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 of Standardization Documents" Drafting. This document replaces GB/T 8145-2003 "Gum Rosin" and GB/T 29591-2013 "Slash Rosin", and GB/T 8145- Compared with GB/T 29591-2013 in.2003, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

---Added the technical index requirements for different types of gum rosin (see Chapter 4);

--- Deleted the special description of rosin rosin and rosin in South Asia in the technical indicators part of Chapter 4 of GB/T 8145-2003;

---Increase the index of "Gum Rosin Resin Acid Content" (see 4.2, 4.3, 4.4);

---Increase the "gum rosin resin acid content" test method (see Chapter 6);

---Inspection classification and inspection items have been added (see 7.1);

---Added the sampling rules for tank truck packaging (see 7.3.2). Please note that some of the contents of this document may involve patents. The issuing agency of this document is not responsible for identifying patents. This document was proposed by the State Forestry and Grassland Administration. This document is under the jurisdiction of the National Forest Chemical Products Standardization Technical Committee (SAC/TC558). Drafting organizations of this document. Research Institute of Forest Products Chemical Industry, Chinese Academy of Forestry, Pu'er City Simao District Sensheng Forestry Chemical Co., Ltd. Company, Guangxi Wuzhou Richeng Forest Chemical Co., Ltd., Xinzhou (Wuping)

Forest Chemical Co., Ltd., Guangzhou Jingjiu Technical Consulting Service Co., Ltd., Jiangxi Feishang Forest Products Co., Ltd., Guangdong Hualin Chemical Co., Ltd. The main drafters of this document. Wang Jing, Zhao Zhendong, Gao Hong, Chen Yuxiang, Bi Liangwu, Gu Yan, Li Haibing, Hou Wenbiao, Liu Fulin, Wan Li, Zhang Xiongwei, Zhu Jun. The previous releases of this document and the documents it replaced are as follows:

---GB/T 8145, first published in 1987, first revised in 2003;

---GB/T 29591, first released in 2013. Gum rosin

1 Scope

China's national standard for gum rosin. Rosin is what remains when the volatile turpentine is distilled off pine oleoresin, and gum rosin specifically means the resin tapped from living trees rather than recovered from stumps or from kraft pulping - which is the grade with the palest colour and the cleanest odour, and the one the higher-value uses require. China is the largest producer, and the material goes into adhesives and hot melts, printing inks, paper sizing, rubber compounding, soldering flux and chewing gum base. Its grading is largely by colour, measured against a set of reference standards, because colour tracks the oxidation the resin has undergone and therefore how it will behave and how it will smell. Rosin oxidises in storage, which is why the packaging and storage provisions are not incidental. The standard specifies the technical requirements, test methods, sampling, inspection rules, grading, marking, packaging, transport and storage for gum rosin obtained by distilling turpentine tapped from living pine trees.

This document specifies the technical requirements, test methods, sampling, inspection rules, grading, marking, packaging, transportation and storage of gum rosin. This document is applicable to the gum rosin product obtained from the turpentine collected from the living standing wood of the pine tree after the turpentine is distilled and processed.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to This document.

GB/T 8146 Test method for rosin

GB/T 31413 Identification of base resin rosin for paints and varnishes by gas chromatography

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Amorphous transparent glass-like solid resin obtained by distilling turpentine collected from the standing wood of pine trees to separate turpentine.

Note. When the source tree species is not specified, all gum rosin is collectively referred to as "gum rosin". When it is necessary to specify the source tree species, the source tree species name is prefixed before the gum rosin, Such as masson pine resin rosin, slash rosin rosin, South Asia rosin rosin.

4 Technical requirements

4.1 Gum Rosin The technical indicators of common gum rosin at all levels should meet the requirements of Table

1. When source identification is not performed, all gum rosin products are in accordance with Table

1 It is required to be graded and marked as "X-grade gum rosin". Table