

Study on Lignin phenol formaldehyde glue in China

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With the issues of environmental pollution and resource crisis have been captured more and more attentions, natural polymer with renewable, biodegradable properties receives increasing attention, the use of waste and renewable resources has become one of key subjects in the world. In nature, lignin is one of major renewable resources, its reserve second only to cellulose, and regenerates with the speed of 50 billions tonnes per year.

Though China is one of major lignin products manufacturers in the world, the research of lignin products is still at early stage. Three kinds of raw materials can be used to produce lignin In China, namely black liquor of papermaking, grain straw and by-products of cellulose fuel ethanol production, using black liquor of papermaking and grain straw as raw materials to produce lignin has been commercialized in China. At present, lignosulfonates are the main lignin-based product in China, with the output of over 400,000 tonne in 2009.

In this report, CCM International researches lignin industry in light of raw materials, technological development, application situation, etc. through study the entire industrial chain of lignin. To explore the above key aspects, you can find the answers to the following questions:

- What is the supply situation of major raw materials for China's lignin?
- What is the current production situation of China's lignin products?
- What is the current R& D progress situation of China's lignin products?
- What are the key factors influencing the development of lignin industry?
- What are the development trends of lignin in the coming years?
- What are the potential commercial opportunities in China's lignin industry?

Information in the report can help readers grasp general production, application situation and R&D progress of lignin products in China, and can provide reference for readers' investment decision as well.

Table of Content

1 LIGNIN PHENOL FORMALDEHYDE RESIN

- 1.1 R&D progress
- 1.2 Application
- 1.3 Markets
- 1.4 Future forecast

COMPANIES MENTIONED

Changzhou Shanfeng Chemical Industry Co., Ltd., Jilin Laihe Chemical Co., Ltd.

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