

Tannin Based Wood Adhesive Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plan

Description:

Tannin structure plays a determinant role in formulating tannin resin and adhesives for industrial use. Tannin adhesive has been used as a thermosetting wood adhesive for wood panels to reduce formaldehyde emission. Tannin adhesive gives excellent adhesive performance, good moisture resistance, and tends to give a lower formaldehyde emission. Tannin wood adhesive in a non-formaldehyde approach has a low hardening rate and needs more pressing time than formaldehyde-based wood adhesives during wood composites production.

Hundreds of tonnes of tannin is produced from wood materials and wood bark for the needs of leather, beverage and animal feed industry. In industrial use, tannin could be used to replace fossil chemicals in adhesives and insulating foams. Tannin can be extracted from bark using hot water, after which the extract is dried into a powder. Drying the water extract into powder may not be necessary if the tannin is extracted near the site where glued wood products are manufactured. Tannin-based wood adhesives have been used industrially for exterior wood bonding of products such as particleboard, plywood, glulam, and finger jointing.

[For more details download PDF file](#)

Keywords: Wood Adhesive Based Tannin, Tannin Based Wood Adhesive Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

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