

Wood Plastic Composite (WPC), Composite Materials made of Wood Fiber, Wood Flour and Thermoplastic(s) (includes PE, PP, PVC etc.) - Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturi

Description:

Wood plastic composites (WPCs) are roughly 50:50 mixtures of thermoplastic polymers and small wood particles. The wood and thermoplastics are usually compounded above the melting temperature of the thermoplastic polymers and then further processed to make various WPC products. WPC can be manufactured in a variety of colors, shapes and sizes, and with different surface textures. Depending on the processing method, WPCs can be formed into almost any shape and thus are used for a wide variety of applications, including windows, door frames, interior panels in cars, railings, fences, landscaping timbers, cladding and siding, park benches, molding and furniture.

This product is part of the composites to be named wood polymer composite (WPC), wood fiber composite (WFC), poly wood and pall wood, poly board, wood flex, stock wood and wood plastic. WPC is manufactured by dispersing wood particles into molten plastic with coupling agent or additives to form composite material through various techniques of processing such as extrusion, compression or injection moulding.

For more details download PDF file.

Keywords: Wood Plastic Composite (WPC), Wood Fiber, Wood Flour and Thermoplastic, PE, PP, PVC, 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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