

Thermocol Cups, Glass and Plates - Market Survey cum Detailed Techno Economic Feasibility Project Report

Description:

Thermocol is formed by the synthesizing of spherical particles consisting of air (at a rate of 98%) contained within an infinite number of hollow cells. These cells, forming a structure of pellets fused together, give consistency and rigidity to the final product. The advantages are many: the product's manufacturer requires very little energy, thereby allowing full weight to be given to ecological consideration. Of fundamental importance is the treatment with the vapor, which, as well as having a technical function during the manufacturing process, renders the product hygienic through sterilization. Thermocol is a good resister of cold and heat but since it is a petroleum product it dissolves in any solvent of petroleum.

Foamed plastic materials have achieved a high degree of importance in the plastic industry. Foams can be made soft and flexible to hard and rigid. Expanded polystyrene is one of such foams. It may be used such as thermal insulation material; acoustic treatments shock protective packaging, etc. Its properties can be varied widely in manufacture to meet both general and specific demands.

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