Microcrystalline Cellulose (MCC) Manufacturing Industry

Description:

Microcrystalline Cellulose (MCC) Manufacturing Industry. Production of Pharmaceutical Grade Microcrystalline Cellulose

Microcrystalline Cellulose Market Projected to Reach 1540 Million US$ by 2025, at a CAGR of 6.3%

Microcrystalline cellulose (C6H10O5)n is refined wood pulp. It is a white, free-flowing powder. Chemically, it is an inert substance, is not degraded during digestion and has no appreciable absorption. In large quantities it provides dietary bulk and may lead to a laxative effect.

Microcrystalline Cellulose (MCC) is a partially depolymerized specialty cellulose prepared by treating?-cellulose. MCC is widely used in pharmaceutical, food & beverage, cosmetic and other industrial applications, owing to its broad spectrum of properties. MCC is used a suspension stabilizer and an excipient, owing to its chemical inertness and non-toxic nature.

Microcrystalline cellulose (MCC) is a free-flowing crystalline powder (a non-fibrous microparticle). It is insoluble in water, dilute acids and most organic solvents, but slightly soluble in the alkali solution of 20%. It has a wide range of uses in the pharmaceutical excipients and can be directly used for tabletting of dry powder. It is widely used as pharmaceutical excipients, flow aids, fillers, disintegrating agents, anti-sticking agents, adsorbents, and capsule diluents.

For more details download PDF file.

Keywords: #Production_of_Microcrystalline_Cellulose, #Microcrystalline_Cellulose_(MCC), #Manufacturing_Process_for_Microcrystalline_Cellulose_(MCC), How is Microcrystalline Cellulose made? Microcrystalline Cellulose Plant, Process for Producing Microcrystalline Cellulose, #Microcrystalline_Cellulose_(MCC)_Production, Microcrystalline Cellulose Manufacturing Process, Preparation and Characterization of Microcrystalline Cellulose (MCC), #Processing_of_Pharmaceutical_Grade_Microcrystalline_Cellulose, Prepara

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