

Pure Excipient Manufacture

MICROTAB

MICROCRYSTALLINE CELLULOSE



Microtab as Microcrystalline Cellulose is a porous MCC with balance of compactibility and flowability. It enables a balance of tablet hardness and tablet disintegration, It solves tableting issues such as insufficient API content uniformity or over-lubrication,

APPLICATIONS IN PHARMACEUTICALS



- 1 In formulations as a disintegrating and Binder for capsules and tablets
- 2 Enables a balance of tablet hardness and tablet disintegration
- 3 Solves tableting issues Insufficient API content uniformity, over-lubrication
- 4 Enables poorly flowable and/or low dose formulations
- 5 Enables high speed tableting

WHY CHOOSE US?

- 1 Producing various grades | Specification customization available.
- 2 Heavily invested in R&D with lab instruments such as specific surface analyser, Gas chromatograph, Malvern etc
- 3 Consistent excellence in product quality.
- 4 An entirely automated facility, adhering to better hygiene & finished product quality.

Packaging - Standard packaging consists of 25 kg, with PP Bag or Paper Bag.

(customize packaging option available such as fibre drum or HDPE drum etc.)

RASHI CELLULOSE CHEM

Address : Plot No. K-41, MIDC, Industrial Area, Jalgaon (MH) - 425 003

MICROTAB - MICROCRYSTALLINE CELLULOSE

TEST	SPECIFICATION
Description	A white or almost white fine or granular powder.
Solubility	Practically insoluble in water, acetone, anhydrous ethanol, toluene, dilute acids & in a 50g/l solution of sodium hydroxide.
Identification a) Infrared absorption a) Zinc chloride test b) Degree of polymerisation	a) Disregard any band between 800 cm ⁻¹ and 825cm ⁻¹ or between 950 cm ⁻¹ and 1000cm ⁻¹ a) Violet Blue Colour b) NMT 350
pH	5.00 to 7.50
Conductivity	NMT 75 µS.cm ⁻¹
Ether soluble substances	NMT 0.05%
Water soluble substances	NMT 0.20%
Heavy metals ,	NMT 0.5ppm
Loss on drying	NMT 7.00%
Sulphated ash	NMT 0.10 %
Microbial contamination	
Total viable aerobic count	NMT 1000 cfu/g
Total molds & yeast count	NMT 100 cfu/g
E.Coli & Salmonella	Absent in 1g.
S.Aureus & P.Aeruginosa	Absent in 1g.
Bulk density	0.28 to 0.38
Sieve Analysis (%Retention)	
60 Mesh	≤ 8.0%
200 Mesh	≥ 45.0%
Assay(Dried)	97.00 to 102.00%

Microtab Available In Different Grade Such As - 101, 102 & 105 Etc.

CONTACT DETAILS



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