

PRODUCT: INNOKOAT SPARKEL (UNIVERSAL-Aqueous / Solvent Sparkel Film Coating System)

SPECIFICATIONS:

S. No.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	Ph	3.5 – 9.0
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.4 - 0.9 gm/cc
05.	Ash	50.00 %w/w
06.	Arsenic	Not more than 2 ppm
07.	Heavy Metals	Not more than 20 ppm

Note: Customized product will be available on request.

METHOD OF USAGE:

Coating Pan Size	: 12" Conventional with 3 Baffels
Batch Size	: 1.0 kg Tablets
Actual Weight gain	: 2.5 – 4.5 % w/w on Placebo Tablets {% changes base on colour matching}
Process Loss	: 0.5 %
Quantity of Innokoat	: 30.0 – 45 gms (including loss)

FORMULATION:

Ingredient	Aqueous film Coating System	Solvent Film Coating System
	11 % w/w Reconstitution level	5 % w/w Reconstitution level
Innokoat SPARKEL	30 gms	30 gms
Purified Water	242 gms	XXX
Iso Propyl Alcohol	XXX	200 gms
Methylene Chloride	XXX	370 gms
Total	272 gms	600 gms

PROCEDURE OF MIXING: (Aqueous film Coating System)

Aqueous Coating System: Take required quantity of Purified water in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat in to the vortex; continue to stir for 45 minutes. Pass the solution / dispersion through 80 mesh & then use for coating.

PROCEDURE OF MIXING: (Solvent Film Coating System)

Take required quantity of IPA in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat™ in to the vortex & then add required quantity of Methylene Chloride, continue to stir for 45 minutes. Pass the solution / dispersion through 80 mesh & then use for coating.

PROCEDURE OF MIXING: COATING PARAMETERS:

Coating Pan RPM	: 25 to 30	Spray gun	: 1 - 1.2 mm nozzle
Atomization Pressure	: 1 – 1.5 kg / cm ²	Spray Rate	: 3-5(Aqueous)& 15 to 25(Solvent)-g/m
Inlet Air Temp.	: 60 to 65°C	Product Bed Temp	: 40 to 45°C

Pre-warming: 10 mins at slow rpm or by inching

Post Drying: 5 mins at slow rpm or by inching at 40°C

Our technical advice is given without obligation. The buyer is responsible for application and processing of our products and is also liable for observing any third-party rights. Technical data concerning our products are of typical values.