



PRODUCT: INNOKOAT SHINE (UNIVERSAL-Aqueous / Solvent Polishing Coating System)

SPECIFICATIONS:

S. No.	TEST	SPECIFICATIONS
01.	Appearance	White Powder
02.	Ph (2% Suspension in Purified Water)	5.0 – 9.0
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.4 - 0.8 gm/cc
05.	Ash	10.00 %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 Coating Pan with 3 Baffles / Auto coater		
Batch Size	: 1.000 kg Coated Placebo Tablets 🥢 🔥 📏		
Actual Weight gain	: 0.4 – 0.7 % w/w on Tablets <mark>(Based on Size of the Tablets)</mark>		
Process Loss	: 0.1 %		
Quantity of Innokoat	: 5.0 – 8.0 Gms (including loss)		
FORMULATION:			

Ingredient	Aqueous SHINE Coating System 🛛 👝 🚿	Organic Solvent SHINE Coating System
	25 % w/w Reconstitution	20% w/w Reconstitution
Innokoat SHINE	5 gms	5 gms
Purified Water	15 gms	Not Applicable
Isopropyl Alcohol	Not Applicable 🥢 📈 🔪	Not Applicable
Ethanol	Not Applicable	30 gms
Total	20 gms 💫 🔪	35 gms

PROCEDURE OF MIXING:

Aqueous SHINE Coating System: Take required quantity of purified water in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat SHINE in to the vortex; continue to stir for 10-15 minutes. Pass the clear solution through # 80 mesh & then use for SHINE coating.

Organic SHINE Coating System: Take required quantity of Ethanol in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat SHINE in to the vortex; continue to stir for 10-15 minutes. Pass the clear solution through # 80 mesh & then use for SHINE coating.

COATING PARAMETERS:

Post Drying: 10 mins at slow rpm or by inching

Coating Pan RPM: 20 to 25Spray gun: 1 - 1.2 mm nozzleAtomization Pressure: 1 - 1.5 kg / cm²Spray Rate: 1-2 g / m - (Aqueous) & 2 to 3 g / m - (Hydro Alcoholic)
3-5 g / m - (Organic Solvent)Inlet Air Temp.: 60 to 65 °CProduct Bed Temp.: 40 to 45°CPrewarming: 10 mins at slow rpm or by inching

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.

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