

## Test Report

<b>Project name:</b>	Sample Box	<b>Customer:</b>	BIOGRUND GmbH
<b>Project number:</b>	TiO2 free white film coating	<b>Location:</b>	Hünstetten
<b>Trial date:</b>	18.05.2021	<b>Solid content:</b>	15%
<b>BIOGRUND Product:</b>	AquaPolish® white MS	<b>Medium:</b>	Water
<b>Applied machine:</b>	GLATT Drum Coater GC 1	<b>Batch size (kg):</b>	2
<b>Spray gun:</b>	Schlick	<b>Atomizing air:</b>	1,5 bar
<b>Pump:</b>	Integrated	<b>Fan air:</b>	1,9 bar

Process time	Inlet air temperature	Tablet bed temperature	Exhaust temperature	Pump speed	Spray rate	Airflow	Pan speed	Balance
(min)	(°C)	(°C)	(°C)	(rpm)	(g/min)	(m3/h)	(rpm)	(g)
0	55	40	45	15		55	12	0
5	55	40	45	15	5,54	55	12	27,7
19	55	40	45	20		55	12	119,9
31	55	40	45	20	6,67	55	12	199,9
58	55	40	45	25		55	12	419,6
96	55	40	45	25	8,26	55	12	733,3

**Applied material:** 733,3g suspension = 109,99g film = 5% weight gain

**Result:** The process was stopped at an application of 5%.  
During the process we did not detect any problems.



More information about Glatt coating equipment/  
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