

# Product formulation

PH166SC

## SUGARLESS HARD COATING WITH SweetPearl™ P200

Traditional process - coating pan : DRIACOATER 1200

### COMPOSITION OF THE COATING SYRUP (70 % dry substance - 75 °C)

	<b>Ingredients Parts by weight</b>	<b>Dry substance composition</b>
SweetPearl™ P200	32.5500 Kg	93.00 %
Gum arabic solution (40 % D.S.)	4.3750 Kg	5.00 %
TiO <sub>2</sub>	0.5950 Kg	1.70 %
Aspartam	0.0525 Kg	0.15 %
Acesulfame	0.0525 Kg	0.15 %
Water	12.3750 Kg	-
	50.0000 Kg	100.00 %

### COATING SEQUENCES (for 50 kg gum centers)

#### Phase 1 = Centers dedusting and preheating

Phase	2	3	4	5	6	7	8	9	10	11
Number of cycles	3	5	4	5	2	10	2	2	16	W A X
Amount of syrup per cycle (Kg)	0.6	0.7	0.8	0.9	0.7	0.8	0.7	0.8	0.5	
1 <sup>st</sup> pause (min)	0.5	0.5	0.5	0.5	1	1	1	1	2.5	5
Dry charge SweetPearl™ P35 (Kg)	0.5	0	0	0	0	0	0	0	0	0
2 <sup>nd</sup> pause (min)	0.5	0	0	0	0	0	0	0	0	0
Flavour (g)	0	0	0	0	135	0	135	0	0	0
Drying time (min)	3.0	3.5	3.5	3.5	3.0	3.0	3.0	3.0	1.0	5.0
Drying air temperature (°C)	28	28	28	30	30	30	32	32	34	26
Air direction (R: Reverse – D: Direct)	R	R	D	D	D	D	D	D	D	D
Air flow (m <sup>3</sup> / min)	12	12	12	12	12	12	12	12	12	12
Dew point (°C)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Differential pressure (hPa)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
Pan speed (rpm)	8	8	8	8	8	8	8	10	12	12



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## COMMENTS

- Coating time (including waxing) 3 h 31 min
- Ratio coating weight / chewing-gum weight 36 / 64