



**KARNATAKA SOAPS & DETERGENTS LIMITED, BENGALURU - 560 055**

**RESEARCH & DEVELOPMENT DEPARTMENT**

**No: KSDL/R&D/F-50/2025-26/65**

**12.06.2025**

**Revised Tentative Specification of Outer corrugated box for filling of MS Pineapple Agarbathi - 9" zipper/ stand-up pouches (130g X 96 Pouches)**

SL. NO.	CHARACTERISTICS	TENTATIVE SPECIFICATION
1	Material of construction	Corrugated fibre board box made out of virgin KRAFT paper of uniform colour.
2	No. of Plies	5 Plies
3	GSM of the Kraft Paper	Top layer $180 \pm 10\%$ with 24 BF paper and rest of the layers and fluting media to be $120 \pm 10\%$ with 18 BF paper for each layer subject to overall GSM $\pm 5\%$ .
4	Internal Dimension (LXBH)	<b>(488 X 410 X 325) <math>\pm 3</math> mm</b>
5	Type of the Flute	Narrow/Narrow (B)
6	Direction of the Flute	Vertical
7	Bursting Strength	Min. 10.5 kg/cm <sup>2</sup>
8	Moisture Content	Max. 9.00 %
9	Scoring	Scoring should be deep and all the flaps should be <b>Pre-folded</b> such that the board does not crack when the flaps are turned through 180°.
10	Type of Adhesive	Good quality starch based adhesive should be used. The CBs should be free from defects like wrinkles; softness (wet) insufficient creasing and poor gumming.
11	Printing matter & design a) Quality of ink b) Colour	Should be sharp, bright & neat as per our approved art work. Should be AR, SJR & it should be insoluble in water. <b>MAROON</b>
12	Stapling	Boxes should be single stapled at one end only. Stapling should be on the outer side of the box. The staples should be two each at the top, two at the bottom & remaining three in the middle at equal distances.
13	Actual filling test	Should be satisfactory.
14	Manufacturer's logo	Each box should have the monogram of the suppliers (logo printed on the smaller flap of upper side of the CBs in the same colour scheme)
15	Compression strength	Min. 300 Kgs

*Mahamayi*  
**PREPARED BY**

**ASST. MANAGER (R&D/PER/SANDAL/CC)**



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**Revised Tentative Specification of Inner corrugated box for filling of MS Pineapple Agarbathi - 9" zipper/ stand-up pouches (130g X 12 Pouches X 8 Boxes)**

SL. NO.	CHARACTERISTICS	TENTATIVE SPECIFICATION
1	Material of construction	Corrugated fibre board box made out of virgin KRAFT paper of uniform colour.
2	No. of Plies	3 Plies.
3	GSM of the Kraft Paper	120 $\pm$ 10% with 16 BF paper for each layer subject to overall GSM $\pm$ 5%.
4	Internal Dimension(L X B X H)	<b>(235 X 95 X 305) <math>\pm</math> 3mm</b>
5	Type of the Flute	Narrow/Narrow (B)
6	Direction of the Flute	Vertical
7	Bursting Strength	Min 4.5 kg/cm <sup>2</sup>
8	Moisture Content	Max. 9.00 %
9	Scoring	Scoring should be deep and all the flaps should be <b>Pre-folded</b> such that the board does not crack when the flaps are turned through 180°.
10	Type of Adhesive	Good quality starch based adhesive should be used. The CBs should be free from defects like wrinkles, softness (wet) insufficient creasing and poor gumming.
11	Printing matter & design	Should be sharp, bright & neat as per our approved art work.
12	a) Quality ink b) Colour	Should be AR, SJR & it should be insoluble in water. <b>MAROON</b>
13	Stapling	Boxes should be single stapled at one end only. Stapling should be on the outer side of the box. The staples should be two each at the top, two at the bottom & remaining three in the middle at equal distances.
14	Actual filling test	Should be satisfactory.
15	Manufacturer's logo	Each box should have the monogram of the suppliers (logo printed on the smaller flap of upper side of the CBs in the same colour scheme)
16	Compression strength	Not specified

Maharaj  
PREPARED BY

ASST. MANAGER (R&D/PER/SANDAL/CC)