

Case Study of “CON-TROL” 1810 Fluff Control Chemical in one of the leading Paper Mill Manufacturing various grades of Paper by using 80% of Bagasse and 20% of Wood Pulp.

Chemical Name : Liquid Antifluff Chemical (Antifluff “CON-TROL” 1810)  
 Quantity Supplied : 800Kgs (50Kg\*16)  
 Trial Duration : 10:00AM to 06:00AM (20.00 Hrs)  
 Machine Condition : CRT 47 & CRW 58gsm @850mpm  
 Ash % : 14.00%  
 Chemical Consumed : 200Kg  
 Production Achieved : 300MT

The dosage of the chemical and fluff count values obtained are tabulated below.

| Sr. No. | Roll No. | Grade & GSM                                    | Anti Fluff/Lint Chemical Kg/MT | FLUFF READING Mg/Km Tested with R.A. Emerson Fluff Tester. |     |    | Average mg/Km |
|---------|----------|--|--------------------------------|--|-----|----|---------------|
|         |          |  |                                | F  | C   | B  |               |
| 1.      | 062      | CRT 47<br>Chemical supplied by other supplier. | 1.3                            | 115  | 157 | 95 | 122           |
| 2.      | 063      | CRT 47   | 0.6                            | 60   | 83  | 58 | 70            |
| 3.      | 064      | CRT 47   | 0.6                            | 70   | 90  | 80 | 80            |
| 4.      | 065      | CRW 58   | 0.6                            | 75   | 100 | 85 | 86            |
| 5.      | 066      | CRW 58   | 0.6                            | 92   | 126 | 46 | 88            |
| 6.      | 067      | CRW 58   | 0.6                            | 80   | 100 | 65 | 82            |
| 7.      | 068      | CRW 58   | 0.6                            | 75   | 95  | 60 | 78            |

**The average Antifluff Chemical Consumption is 0.6Kg/MT.**

**The maximum permissible limit of Fluff Count was 120 mg per 1000 Mtrs of paper.**

**The average fluff count obtained is 88mg/1000m**

*The above Chemical is found to be suitable for our application and the fluff count readings obtained meets lower than the maximum permissible fluff count readings. Hence meets our standard..*