**Exercise 2**

**Name:** 

1. **Cut 3 sample to size of 10\*10cm, (do not cut from the edges)**
2. **Count number of warp and weft yarn in 1 cm**
3. **Calculate crimp percentage for warp and weft.**

The crimp percentage is the difference between straightened thread length and the distance between the ends of the thread in the fabric.

Formula for Crimp percentage

**Crimp % C = (L-s)/s x 100**

L= measured length of warp/weft

S= measured length of cloth that is 10cm

C= crimp percentage

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement** | **Number of warp/cm** | **Number of weft/cm** | **Warp crimp%** | **Weft Crimp %** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |

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