

**VIET HUNG TEXTILE Co.,LTD**

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**Test of Yarn Traction with MesdanLab Strength Tester**

| Customer Code      | VTEX               | Test Code            | NE 20/2   | Date | 14/10/2022    | Time 7:23:12 AM |
|--------------------|--------------------|----------------------|-----------|------|---------------|-----------------|
| Sample Description |                    |                      |           |      | Sample Number | 16              |
| Parcel             |                    | Lot                  | SSP 01-21 |      | Count         | 10 [Ne]         |
| Material           |                    |                      |           |      |               |                 |
| Examiner           | PHAM TRONG         |                      |           |      |               |                 |
| Sample Length      | 500 [mm]           | Load cell ID/FS [kg] |           |      | 3 / 12        | X 1             |
| Clamp Speed        | 500 [mm/min]       | Pretension           |           |      | 29 [cN]       |                 |
| Test Machine       | MesdanTensolab CRE |                      |           |      |               |                 |
| Test Conditions    | 25C, 1 atm, 60% Rh |                      |           |      |               |                 |
| Observations       |                    |                      |           |      |               |                 |

*Statistical Results of the Test*

|           | Force [cN]    | Elongation [%] | Tenacity [cN/dtex] | Average Time of Breakage | 8.6 [s] |
|-----------|---------------|----------------|--------------------|--------------------------|---------|
| Maximum   | 2456.566 (14) | 14.820 (14)    | 4.160 (14)         |                          |         |
| Minimum   | 2165.308 (23) | 13.980 (21)    | 3.667 (23)         |                          |         |
| Average   | 2293.714      | 14.373         | 3.884              |                          |         |
| Range     | 12.698 [%]    | 5.844 [%]      | 12.698 [%]         |                          |         |
| CV        | 3.048 [%]     | 1.743 [%]      | 3.048 [%]          |                          |         |
| Deviation | 69.908        | 0.250          | 0.118              |                          |         |
| IC95%     | 34.254        | 0.123          | 0.058              |                          |         |
| IC99%     | 45.018        | 0.161          | 0.076              |                          |         |

*Results of Single Samples*

| Sample # | Max Force [cN] | Max Elongation [%] | Time [s] | Tenacity [cN/dtex] |
|----------|----------------|--------------------|----------|--------------------|
| 1        | 2336           | 14.10              | 8.5      | 3.956              |
| 2        | 2375           | 14.62              | 8.8      | 4.022              |
| 3        | 2274           | 14.40              | 8.6      | 3.851              |
| 4        | 2275           | 14.10              | 8.5      | 3.853              |
| 5        | 2348           | 14.46              | 8.7      | 3.975              |
| 6        | 2256           | 14.16              | 8.5      | 3.819              |
| 7        | 2319           | 14.22              | 8.5      | 3.927              |
| 8        | 2308           | 14.40              | 8.6      | 3.909              |
| 9        | 2457           | 14.82              | 8.9      | 4.160              |
| 10       | 2278           | 14.10              | 8.5      | 3.858              |
| 11       | 2318           | 14.46              | 8.7      | 3.926              |
| 12       | 2189           | 13.98              | 8.4      | 3.706              |
| 13       | 2247           | 14.40              | 8.6      | 3.804              |
| 14       | 2165           | 14.46              | 8.7      | 3.667              |
| 15       | 2252           | 14.46              | 8.7      | 3.813              |
| 16       | 2303           | 14.82              | 8.9      | 3.899              |