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K-Active Europe GmbH

**Nitto Denko Corporation**

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**Product evaluation sheet for K-ACTIVE**

Evaluation sample

| Sample No. | Sample Name  | LOT   |
|------------|--|-------|
| ①          | K-Active Elite Normal article  | 10502 |
| ②          | K-Active Elite Sterilization product<br>( Entering sterilization bag ) | 10502 |
| ③          | K-Active Elite Sterilization product ( Exposure state )                | 10502 |

Conclusion

Following testing conducted by Nitto Denko Corporation at our company facilities to evaluate the affect on K-ACTIVE ELITE kinesiology tape of an autoclave process (134°C for 5 minutes), the affect of the autoclave process was found to have no affect. However, this product is not designed to be not only sterilized by steam but also to be utilized for various sterilization purposes. Therefore, please understand that this data serves as reference value treatment only. Autoclave conditions and evaluation data are shown on the following page.

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Autoclave condition

1. Each sample is cut into 50mm x 200mm.
2. Sample ② is put into a sterilization bag and sample ③ is supplied to a sterilization-by-steam machine as it is. (It is placed into a netted basket.).
3. Sterilization by steam on condition of 134 °C × 5min (steam pressure is about 2kg/cm<sup>2</sup>) was undertaken
4. Carry out 30min dryness with the drier set as 70 °C  
(sample ① was supplied at this time.).
5. Each sample is made to acclimatize for 2 hours or more at temperature (23 d °C ±2 °C) and humidity (65±5%RH), and each item is measured.

Characteristic

| Evaluation criteria  | Standard value | Unit             |      | Sample No. |      |      |
|----------------------|----------------|------------------|------|------------|------|------|
|                      |                |                  |      | ①          | ②    | ③    |
| Adhesion             | 1.60±3.00      | N/19mm Width     | Ave. | 1.25       | 1.26 | 1.26 |
| Peeling force        | 300 to 2500    | mN/50mm<br>Width | Ave. | 496        | 413  | 397  |
| Holding strength     | –              | min              | Ave. | 5          | 5    | 3    |
| Tensile strength     | –              | N/19mm Width     | n=1  | 69.0       | 66.7 | 65.3 |
| Degree of Elongation | –              | %                | n=1  | 76         | 72   | 75   |

This data was measured by Nitto Denko, please understand that this testing does not guarantee performance of the product under any circumstances.

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