Cleaning Consultancy Delft bv
CCD

Haagweg 125b NL-2612 CR DELFT
Postbus 722 NL-2600 AS DELFT
Phone : +31 15 2158676
Fax : +31 15 2121109
Bank : 55.01.05.379
VAT : NL0093.29.328.B01
www.ccd.eu

| REPELLANCY TESTING | P-06-K-UK | |
|---|---|---|
| **Application area:**<br>Any textile fabric | Page | 1 of 1 |
| | Date: | 100118 |
| | WVS version | V01 |

**INTERNAL PROCEDURE CCD**

**Requirements**:

Spray apparatus (CCD, according ISO 4920 and AATCC 22-1952/US-specification CCC-T-191 b/ Testmethod 5526-1951)

250 ml water (distilled or demi) of 20 ± 2°C
*note.: in deviation from the norm alternatively can be used softened water or tap water*

**Treatment**:
Span the textile in the clamping ring, so that a uniform, fri folding surface exist. The textile, if applicable, will be placed with the user side up. Then pour the measured amount of water in the funnel. If the funnel is drained the excess water from the textile must be removed by knocking 2 times against the clamping ring.

**Evaluation**:
Evaluation is performed using the following descriptions:

| **Discription** | ISO | AATCC |
|---|---|---|
| No sticking or wetting of upper surface | 5 | 100 |
| Slight random sticking or wetting of upper surface | 4 | 90 |
| Wetting of upper surface at spray point | 3 | 80 |
| Partial wetting of whole of upper surface | 2 | 70 |
| Complete wetting of whole of upper surface | 1 | 50 |
| Both the top and bottom of the fabric are completely wetted (decisive) | 1 | 0 |

A score of 100 points represents an excellent hydrophobic effect. Depending on the application a minimum score of 80 points must be wanted.

**Specialities**:

The test must be done on 3 specimens.

**Calibration**:

Calibrate the apparatus by pouring 250 ml of distilled water (at 20 ± 2°C ) into the funnel of the tester and measure the time required for the funnel to empty. The spray time must be between 25-30 s, otherwise the nozzle should be checked to see if the holes are enlarged or blocked.