

REPELLANCY TESTING		P-06-K-UK	
Application area: Any textile fabric	Page	1 of 1	
	Date:	100118	
	WVS version	V01	
EXTERNAL 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 <i>note.: in deviation from the norm alternatively can be used softened water or tap water</i>			
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.			