## Eco-friendly Highly Durable Water-repellent Fabric

# DANTUTSU HASSUI" CZ



# Ecological! Outstanding water-repellency!

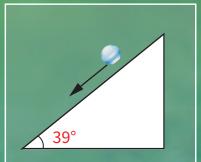
Finishing featuring outstanding fluorine-free water repellency equivalent to fluorine-based processing. In conventional fluorine-free water repellency processing, water droplets roll only when tilted at a sharp angle. In the case of **Dantuteu Hassui** CZ, however, water droplets roll even when titled slightly, showing superior water repellency.

Moreover, water repellency is maintained even after 100 home washes.

### Comparison of water droplet (20µL) rolling angles



Conventional fluorine-free processing



**Dantotsu Hassui**" cz

| Basic Performance |                     | Testing Method  | Specification                                    |
|-------------------|---------------------|---|--|
| Functionality     | Water<br>repellency | JIS L1092 Spray method (applied mutatis mutandis)<br>(KMS-1-59) | Initial condition ≥ Class 4.5<br>100HL ≥ Class 3 |
|                   |                     | JIS L1092A Bundesmann method<br>(KMS-1-60)                      | Initial condition ≥ Class 4                      |
|                   |                     | KMS-1-10 ART Fabric abrasion method                             | Initial condition ≥ Class 4<br>20HL ≥ Class 3    |

\*Based on laboratory conditions. Actual performance may differ depending on the washing method.





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### 环保型高度耐用不沾水面料

# DANTUTSU HASSUI CZ



# 万<br/> 环保! 绝对第一!! 出色的不沾水性

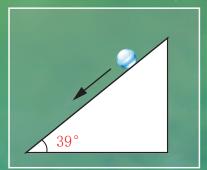
我们采用不含氟化物的不沾水加工方式,使面料实现了与采用含氟不沾水加工方式时相同水 平的不沾水性能。通过比较水滴在面料上滚动的角度,可以发现,传统的无氟不沾水加工方 式下,若倾斜角度不大则水滴就不能滚动,而" Dantotsu Hassur™cz"即使角度相对平缓, 水滴也能滚动。因此新面料具有更加出色的不沾水性。

此外,按家庭洗涤方式重复洗涤100次后,仍然能保持这种不沾水性能。

#### 水滴(20 µ L)滚落角度比较



传统无氟方式不沾水 CZ



**Dantotsu Hassui**" cz

| 基本性能 |      | 测试方法                                  | 标准值                  |
|------|------|---------------------------------------|----------------------|
| 功能性  | 不沾水度 | 适用 JIS L1092 喷雾法<br>(KMS-1-59)        | 初始值≥4.5级<br>100HL≥3级 |
|      |      | JIS L1092A Bundesmann 法<br>(KMS-1-60) | 初始值≥4级               |
|      |      | KMS-1-10 ART 湿式磨损法                    | 初始值≥4级<br>20HL≥3级    |





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