

Eco-friendly Highly Durable Water-repellent Fabric

DANTOTSU HASSUI™ CZ

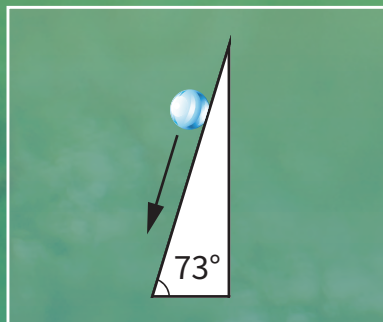


Ecological! Outstanding water-repellency!

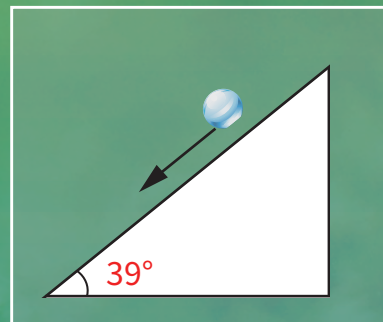
Finishing featuring outstanding fluorine-free water repellency equivalent to fluorine-based processing. In conventional fluorine-free water repellency processing, water droplets roll only when tilted at a sharp angle. In the case of **DANTOTSU HASSUI™ CZ**, however, water droplets roll even when titled 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 repellency	JIS L1092 Spray method (applied mutatis mutandis) (KMS-1-59)	Initial condition ≥ Class 4.5 100HL ≥ Class 3
		JIS L1092A Bundesmann method (KMS-1-60)	Initial condition ≥ Class 4
		KMS-1-10 ART Fabric abrasion method	Initial condition ≥ Class 4 20HL ≥ Class 3

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



环保型高度耐用不沾水面料

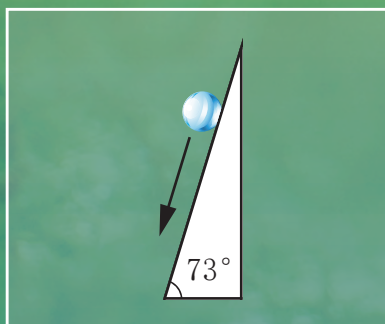
DANTOTSU HASSUI™ CZ

 环保！绝对第一！！出色的不沾水性

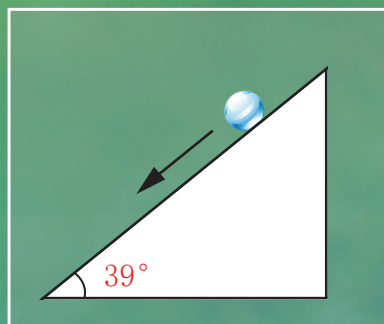
我们采用不含氟化物的不沾水加工方式，使面料实现了与采用含氟不沾水加工方式时相同水平的不沾水性能。通过比较水滴在面料上滚动的角度，可以发现，传统的无氟不沾水加工方式下，若倾斜角度不大则水滴就不能滚动，而“**DANTOTSU HASSUI™ CZ**”即使角度相对平缓，水滴也能滚动。因此新面料具有更加出色的不沾水性。

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 μL)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 (KMS-1-59)	初始值 ≥ 4.5级 100HL ≥ 3级
		JIS L1092A Bundesmann 法 (KMS-1-60)	初始值 ≥ 4级
		KMS-1-10 ART 湿式磨损法	初始值 ≥ 4级 20HL ≥ 3级

* 根据实验室条件所得，实际性能会因洗涤方式变化。

