

TEST COMPARISON BETWEEN MICROPOROUS FABRICS.

TEST	TEST No.		BODYGARD		NO 1 COMPETITOR		NUMBER 1 COMPETITOR		NUMBER 2 COMPETIT	
				BWF-EMBOSSED						
				CLASS		CLASS		CLASS		CLASS
ABRASION RESISTANCE	EN530		>100 cycles	2	>10 cycles	1	>10 cycles	2	>10 cycles	1
TRAPEZOIDAL TEAR	ISO 9073-4	MD	40.7N		51N		26.1N		40.6N	
		CD	18.6N		37N		30.6N		16.7N	
PUNCTURE RESISTANCE	EN863		6.95N	1	7.5N	1	10.8N	2	6.2	
FLEX CRACKING RESISTANCE	ISO 7854-B		40,000cyc	5	>80,000cyc	6	100,000cyc	6	15,000cyc	4
FLAMMABILITY	EN13274-4		PASS				PASS			
	EN1146				PASS					
TENSILE STRENGTH	ISO 13934-1	MD	70.3N	1	68N					
		CD	48.3	1	40N					
BURST RESISTANCE	ISO13938-1		184.1kPa	3	61.0kPa		108kPa	2	50.9kPa	
REPELLENCY TO LIQUIDS	EN368	H2SO4	96.7%	3	>90%		96.8%	3	97.7	
		NaOH	96.7%	3	>90%		93.6%	3	99.1	
		isopropanol	93.8%	2	>80%		90.2%	2		
ANTISTATICITY	EN1149-1		PASS				PASS		Pass	
HYDROSTATIC HEAD	ISO811		226cm				160cm			
ANTI BLOOD PENETRATION	ASTM1670		PASS				FAIL			
RADIOACTIVE TEST	EN1073-2		PASS						Pass	
BIOLOGICAL TEST	EN14126		PASS						Pass	
WD 40 TEST			PASS				FAIL			
CE TYPE	TYPE		4, 5, 6	PASS	5, 6	PASS	4, 5, 6	PASS	5, 6	

Remark:

1. BWF-embossed fabric data is tested from independent testing lab or our internal testing lab.
3. The data is only for internal reference without official publication.