

## Gabriel internal test report for bleach cleanability

<b>Test performed:</b>	05 Oct. 2020
<b>Test:</b>	BIFMA HCF 8.1-2019 Health Care Furniture design guidelines or cleanability & ACT Test Method 1-2020
<b>Bleach concentration:</b>	1:10 Sodium Hypochlorite 5.25 – 6.25 %
<b>Product tested:</b>	2489/2494 Just – 98 % post-consumer recycled polyester – 2 % polyester

Gabriel tests all polyester fabrics, and tests include all colour options for each fabric. Tests are conducted in accordance with BIFMA's and ACT's recommended cleanability guidelines for use of cleaners, sanitisers and disinfectants on fabrics in hospitals and health care settings. The test result for each colour includes an assessment of the risk for colour change, when bleach is applied to the fabric in the concentrations required in health care environments.

When choosing a bleach-cleanable product, it is important to be aware that a variety of test methods to evaluate bleach resistance exist. Consequently, we recommend that you always ensure that the test method applied to a specific fabric meets the requirements - in terms of bleach concentration, application and contact time - for the specific context and environment in which the fabric will be used.

The test method applied by Gabriel is extremely thorough, and we consider it to be the best test available to assess and inform about the risk for colour change when using chlorine products.

### Test description

1 ml of hospital grade disinfectant cleaner - diluted in accordance with the manufacturer's instructions - is applied to the centre of the test specimen. The solution is allowed to set for a period of two hours, after which any remaining liquids are blotted up (on both face and back).

The process is repeated for a total of ten times. Two hours after the 10<sup>th</sup> application, three ml of water are applied, excess fluids are blotted up with a clean white cloth, and the test specimen is allowed to air dry. The last step is repeated if chemical residue remains.

The material is evaluated by comparing the test specimen with AATCC Grey Scale for Color change.

### Rating system – Grades according to AATCC Grey scale

Grade 5 – Very good-excellent

Grade 4 – Good

Grade 3 – Fair-moderate

Grade 2 – Poor behaviour

Grade 1 – Very poor

### Acceptance criteria according ACT/BIFMA.

**Colour Change:** Grade 4 minimum

**Colour Transfer:** Not permitted

**Physical damage:** Not permitted

Fabric	Colour	Name	Risk for colour changes*	Result
Just	60120	Light Grey	Low	4-5
Just	62088	Green Yellow	Low	4-5
Just	62089	Green Yellow	Low	4-5
Just	62090	Brown Yellow	Low	4-5
Just	63095	Orange	Low	4-5
Just	60118	Light Grey	Low	4
Just	61176	Light Beige	Low	4
Just	63094	Light Orange	Low	4
Just	64205	Red	Low	4
Just	66177	Blue	Low	4
Just	67086	Light Turquoise	Low	4
Just	67087	Turquoise	Low	4
Just	68200	Light Green	Low	4
Just	68202	Dark Green	Low	4
Just	68203	Yellow Green	Low	4
Just	60999	Black	Medium	3-4
Just	61177	Beige	Medium	3-4
Just	61178	Yellow Brown	Medium	3-4
Just	62087	Yellow	Medium	3-4
Just	62091	Dark Brown Yellow	Medium	3-4
Just	63096	Dark Orange	Medium	3-4
Just	64204	Light Red	Medium	3-4
Just	64206	Dark Red	Medium	3-4
Just	66178	Light Blue	Medium	3-4
Just	66179	Blue	Medium	3-4
Just	66180	Dark Green Blue	Medium	3-4
Just	68201	Green	Medium	3-4
Just	60119	Grey	High	3
Just	60121	Grey	High	3

\*) Low risk = Grade 4-5; Medium risk = Grade 3-4; High risk = Grade 3 and below

Gabriel A/S confirms that the above results were obtained after testing the specimen in accordance with the procedures and equipment specified above.

Gabriel A/S



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