

Test Result

Deodorization of Textiles (Isovaleric Acid) – Measurement Using Gas chromatography (Ref. ISO 17299-3)

Preconditioning: 105 °C for 2 hours and then standard condition at 21 °C and 65% R.H. for 24 hours

Test conditions: Air temperature: 21 ± 1°C; Relative humidity: 65 ± 2% R.H.

Size of test specimen: 50 cm²

Initial concentration of odor gas: Isovaleric acid, 38 ppm

Test specimen: As received

Test result:

Reduction rate (%) of Isovaleric Acid after 2 hrs **97**

Note:

Reduction rate (%) = $100\% \times (\text{Concentration of blank sample after 2 hrs} - \text{Concentration of specimen after 2 hrs}) / \text{Concentration of blank sample after 2 hrs}$.

Remark:

- Higher the reduction rate, better the deodorization properties of the fabric.

The test was carried out by SGS Hong Kong textile laboratory.

*** End of Report ***



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