

Test Report

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Sample

Sheet-Type Gas Adsorbent

Code: *UF-ACS*

- 1. 40mm×40mm×1.3mm(t)
- 2. 30mm×30mm×1.3mm(t)

Test Item

Gas Removal Test

Test Procedure

- 1. One test sample was placed in a 2 L Tedlar bag. Air was introduced into the bag using an air pump, and the bag was then heat-sealed.
- 2. A specified amount of test reagent was injected into the bag using a syringe to obtain the target gas concentration.
- 3. After 48 hours, the remaining gas concentration was measured.

Test Results

Test Gas	Blank / Initial Value	Elapsed Time	① 40×40mm		② 30×30mm	
			Measured Value	Removal Rate	Measured Value	Removal Rate
Siloxane (D4) (Octamethylcyclotetrasiloxane)	6683 (GC Area)	After 48 hours	< 100 (GC Area)	≥ 99%	< 100 (GC Area)	≥ 99%
Acetic Acid	2ppm	After 48 hours	< 0.2	≥ 99%	< 0.2	≥ 99%
Formic Acid	0.5ppm	After 48 hours	< 0.2	≥ 99%	< 0.2	≥ 99%
Hydrogen Sulfide	2.3ppm	After 48 hours	< 0.05	≥ 99%	< 0.05	≥ 99%
Toluene	2.28ppm	After 48 hours	< 0.1	≥ 99%	< 0.1	≥ 99%

The test results shown in this report apply only to the tested samples and do not represent the overall quality of the entire batch (small lot).