

Test Report

No.: SHD2705671

Date: JUN.11,2007

Page: 1 of 2

TOP-SORB TECHNOLOGY CO., LTD.

ROOM 603, NO.29, LANE 1339, LUOXIU RD., SHANGHAI, 200237, CHINA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : MONTMORILLONITE CLAY & CLAY DESICCANT &
MONTMORILLONITE DESICCANT

Country of Origin : CHINA

Sample Receiving Date : MAY.28,2007

Testing Period : MAY.28,2007 TO JUN.01,2007

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT

Test Requested : ABSORPTION CAPACITY TEST (AS PER CLIENT'S
REQUIREMENTS REFERENCE TO MIL-D-3464E)

Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE
FOLLOWING PAGE(S)

Conclusion : THE TEST DATA WERE PROVIDED TO CLIENT FOR
THEIR OWN ANALYSIS

Signed for and on behalf of
SGS-CSTC Ltd.


Steven Xi
Sr. Section Head

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Test conducted:

Adsorption capacity test (As per client's requirements---Reference to MIL-D-3464E)

Test Equipment:

1. Balance (HG 14)
2. Temperature & Humidity chamber (HG 81-3)

Test Procedure:

1. Weigh a glass dish and record the weight (M).
2. Weigh a 6 to 10 gram sample of the desiccant to the nearest milligram on the glass dish and record the weight (C).Care shall be exercised to ensure that the material is exposed to the air for a minimum time.
3. Place the dish in the temperature & humidity chamber.
4. Periodically remove the dish from the chamber and weight it.
5. Repeat this process until two successive weightings, approximately 1 hour apart, show a weight variation not exceeding 5 milligrams.
6. Removed the sample from the chamber and weight it.
7. The test should be operated twice, one at 25°C, 20%r.h, another at 25°C, 40%r.h.
8. Calculate Adsorption capacity =G/W x 100
 W= original weight of sample taken (grams)
 G = Gain in weight of samples (grams)

Test result:

Sample No.	Test Condition	M(g)	C(g)	W(g)	G(g)	Absorption Capacity (G/W x 100%)
# 1	(25°C,20%r.h)	13.3181	21.2987	7.9806	0.6934	8.69%
# 2	(25°C,40%r.h)	12.0206	20.3909	8.3703	1.5920	19.02%

Remark: -The photo appendix is attached.

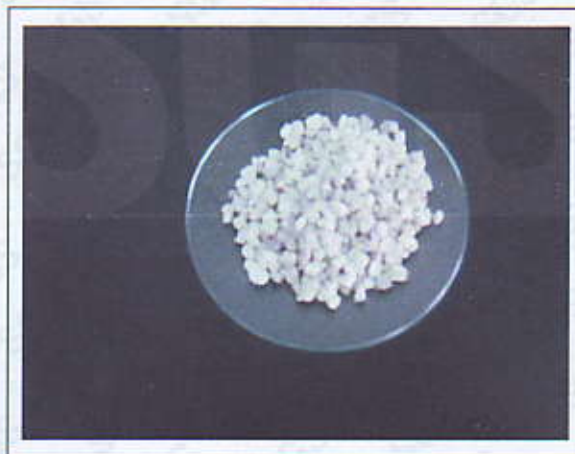
End of Report

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Photo Appendix

Product Name : MONTMORILLONITE CLAY & CLAY DESICCANT & MONTMORILLONITE DESICCANT



SGS authenticate the photo on original report only


Approve signature

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