TEST REPORT

No. : NBMLP121200096
Date : Dec.96,2012
Page: 1 of 3

HANGZHOU JINMENG ROAD ESTABLISHMENT CO., LTD.
FANGYUAN INDUSTRIAL PARK, YUQIAN TOWN, LIN'AN CITY, HANGZHOU, ZHEJIANG, P.R. CHINA

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

Sample Name	:	COMPOSITE MANHOLE COVER
Sample No.	:	NBMLP121200096
Material and Mark	:	SMC
Manufacturer	:	HANGZHOU JINMENG ROAD ESTABLISHMENT CO., LTD.
Test Required	:	Selected test(s) as requested by applicant
Date of Receipt	:	Dec.12,2012
Test Period	:	Dec.12,2012 to Dec.20,2012
Test result(s)	:	For further details, please refer to the following page(s)

******** To be continued********

Signed for SGS-CSTC Standards
Technical Services Co., Ltd

Lorin Yan
Section Supervisor

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Sample description: Plastic product

Test item	Test Method	Test principles/requirements	Rating/ Result
Wear resistance	EN 660-2:1999+ A1:2003 and EN 649:2011	Weigh the specimens to an accuracy of ±0.1mg after conditioning. Load each wheel with a weight of (1±0.01) kg. The flow of abrasive is (21±3)g/min. Abrade one specimen during 5000 revolutions, with a break for weighing after each cycle of 1000 revolutions, and then test the two remaining specimens. If, however, the first specimen is abraded through before 5000 revolutions, discard it and test the two remaining specimen in cycles of 200 revolutions stopping the test after 2000 revolutions or when the specimen is abraded through. Calculate the average mass loss. Fm, in milligrams per 100 revolutions for each specimens as follows: $Fm = \frac{Ftot}{n} \times 100$ Calculate the loss of volume for each specimen for 100 revolutions as follows: $Fv = \frac{Fm}{\rho}$	Fv=2.2mm^3 Wear group: P

Characteristic	Requirements for wear group			
	T	P	M	F
Volume loss Fv(mm^3) /100revolutions	Fv ≤2.0	2.0< Fv≤4.0	4.0< Fv≤7.5	7.5<Fv ≤15.0

******** To be continued********

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Photo:



- The test was carried out by a SGS laboratory.

******** End of report ********

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