

ZHONGSHAN SHENGYI PLASTIC PRODUCTS CO.,LTD
 BLOCK 2, NO.88, RUIHE ROAD, YONGNING COMMUNITY, XIAOLAN TOWN, ZHONGSHAN CITY, CHINA

Sample Description : 25/60 UP BRAKE CASTER

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Oct 12, 2021

Test Performing Date : Oct 15, 2021 to Oct 27, 2021

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Rolling resistance and swivel resistance of EN 12529:1999	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Bill Wang
 Authorized Signatory

scan to see the report



SDHL2110018780FT



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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TESTS AND RESULTS

Test Conducted:

Rolling resistance and swivel resistance of EN 12529:1999 Castors and wheels – Casters for furniture – Casters for swivel chair – requirements.

No. of Sample:

4 pieces. For more sample information and pictures, please refer to the following page.

Test	Test Description and Requirements	Test Results
5 Performance Requirements		
5.10	<p>Rolling resistance A load L8 (including the frame, total of 300/600/900N) is applied for the three arm frame. A horizontal tractive force is applied in such a way to obtain a travel speed 50mm/s over the test table, with the castors arranged in the running direction, for a maximum period of 10 s. No measurements are taken for the first 5 s of the test because of higher friction and initial acceleration. The horizontal force shall not be more than 15%L8.</p>	PASS
5.11	<p>Swivel resistance One or more castors shall be mounted on a linear or circular test machine with the castor(s) positioned at 90 ° to the running direction. A load L9 (100N/200N/300N) is applied to the castor(s). A horizontal tractive force provided by a test machine with a speed of 50mm/s, for a period of 2 s will cause the castors to swivel. The highest force required to cause the swivelling is measured, and the swivel resistance w4 shall not be more than 20%L9.</p>	PASS

Remark:

- For the sample information and pictures, please refer to the following page.



SAMPLE INFORMATION AND PICTURES

Weight: 131.39 g/piece

Overall Dimensions: Wheel Dia.: $\Phi 60.45$ mm
Stem Dia.: $\Phi 10.93$ mm

Other Dimensions:

Sample as Received



View 1



View 2



View 3



View 4





End of Report

