

## TEST REPORT

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### THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : HEBE RUBBER PRODUCTS SDN. BHD.  
No. 14, Batu 1, Jalan Pandamar, Pandamaran,  
42000 Pelabuhan Klang,  
Selangor Darul Ehsan, MALAYSIA.

Manufacturer : Same as above.

Product : Outsole of Safety Footwear (Nitrile Rubber Compound)

Reference Standard / Method of Test : MS ISO 20345:2008 Personal Protective Equipment – Safety Footwear.  
Clause 5.8.3 Abrasion Resistance of Outsole.

Description of sample : Refer page 2

Date Received of Complete Application : 17 August 2020

Job No. : J20201390947

Description of Test Results : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard at the respective clauses tested.

Issued Date : 24 August 2020

Approved Signatory;

(MUHAMMAD TASHRIFF SHAH BIN MOHAMMAD SYAMZA)  
Testing Executive



(MOHD FAIZAR BIN MUSTAFA)  
Head  
Mechanical & Automotive Section  
Testing Services Department

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**Description of Sample/ Description of Test Specimen**

Model: **HEBE**

Quantity of sample: 1 pcs of rubber slab.

Condition of sample: New

Date of Test: **18 August – 19 August 2020**

**Contents of MS ISO 20345:2008**

Items	Descriptions
1 Scope	Information
2 Normative references	Information
3 Terms and definitions	Information
4 Classification	NA
5 Basic requirements for safety footwear	Refer page 3 of this test report
6 Additional requirements for safety footwear	NA
7 Marking	Information
8 Information to be supplied	Information

**Note:**

- a) NA – Not applicable.
- b) \* Tearing of the sole.
- c) \*\* Not SAMM Accredited.  
Test marked “Not SAMM Accredited” in the report are not included in the SAMM Accreditation Schedule of our laboratory.
- d) \*\*\* Sub-Contracted Test(s).  
Test marked “Sub-Contracted and Accredited”/Test marked “Sub-Contracted but not Accredited”.
- e) \*\*\*\* Opinion, Interpretations etc.  
Opinion and interpretations expressed herein are outside the scope of SAMM accreditation.
- f) Where the reported uncertainty is calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.



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## TEST RESULTS

REQUIREMENT		OBSERVATION/RESULTS
5.8	OUTSOLE	
5.8.3	Abrasion resistance Relative volume loss: Maximum 150 mm <sup>3</sup> for material with a density greater than 0.9 g/cm <sup>3</sup>	Average density: 1.12 g/cm <sup>3</sup> Sample 1: 96.0 mm <sup>3</sup> <b>Pass</b> Sample 2: 92.0 mm <sup>3</sup> <b>Pass</b> Sample 3: 70.0 mm <sup>3</sup> <b>Pass</b>

## PHOTO OF SAMPLE



Figure 1: Photo of Rubber Slab (Nitrile Rubber Compound) for Outsole



## CONDITIONS RELATING TO THE USE OF SIRIM QAS INTERNATIONAL TEST REPORT

1. A Test Report will be issued in respect of Testing Services conducted and shall relate only to the sample actually tested. SIRIM QAS International makes no warranty whatsoever and the Applicant shall not represent in any manner that any duplication or mass production of the Product is same as the sample actually tested or that SIRIM QAS International has tested any of the duplicated or mass-produced Product. When a statement of conformity to a specification or standard is applied, the Measurement Uncertainty of test has been considered.
2. The Test Report shall not be amended, changed, varied or modified in any manner whatsoever by the Applicant or otherwise.
3. If the Test Report is to be furnished to any third party or to the public, each such Test Report shall be furnished in full, legible and in its entirety.
4. The Test Report shall not be reproduced and shall not in any event be used for any advertising purposes or whatsoever without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International of No 1, Persiaran Dato' Menteri, Building 8, Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan.
5. Customer (Applicant/Manufacture/Factory, etc.) is not permitted to use any SIRIM QAS International, SIRIM or other SIRIM's subsidiaries logo or words on packaging, sample's manual, technical specification, brochures/flyers or any other means without the prior written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International.
6. If such approval is obtained from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International, the Applicant may only include the phrase, "A sample of this product has been tested by SIRIM QAS International (Test Report No) ... (dated) .... (for what test) ... (to which standard)" or such similar words which stress that only the Sample was actually tested. This phrase shall only be used for the purpose of product advertisement or product promotion (eg; brochures). For avoidance of doubt, the statement shall not be used on the sample and packaging of the sample.
7. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International may disclose the information pertaining to the Test Report for purposes of such investigation.
8. Further or in the alternative, it is strictly forbidden unless with prior written approval from the Chief Executive Officer of SIRIM QAS International, to represent in any manner whatsoever that SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries has endorsed, approved or validated the Product of the Applicant in any manner whatsoever.
9. In the event the Applicant is found in breach of this provision, SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries without prejudice to any other rights and remedies may take whatever action necessary including but not limited to:
  - a) Informing and placing a notice in the media;
  - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
  - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
  - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
  - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
10. SIRIM QAS International is committed in supporting an environmentally-friendly business practices by reducing paper consumption, therefore we do not issue any hard copy of Test Report to the Applicant. However, certified true copy(ies) of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee.
11. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
  - a) Changes in details of the Applicant name and/or address;
  - b) Changes in details of the Manufacturer's name and/or address;
  - c) Changes in details of the Factory location name and/or address;
  - d) Changes in details of the model and/or type designation
12. However, issuance of Supplementary Report due to the following reasons are FOC :
  - a) Misprints and typo errors;
  - b) Missing technical information as agreed in PP1 form;
  - c) Test data not reported;
  - d) Mistake in reporting of test data
13. Corrections to report shall only be allowed if the date of issuance of the original report has not exceeded 6 months and shall be limited to maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.