



LEMBAGA GETAH MALAYSIA

Malaysian Rubber Board

RUBBER RESEARCH INSTITUTE OF MALAYSIA

Rubber Technology Centre, RRM Research Station
47000 Sungai Buloh, Selangor Darul Ehsan

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(Physical Testing Lab) Tel: (6) 03-6157 6748 Fax: (6) 03-6156 3304

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MS ISO/IEC 17025

TESTING / CALIBRATION
SAMM NO. 008

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TEST REPORT

REPORT NO : QA/2015/0923/1

DATE : 28.12.2015

STANDARD TEST METHOD	
TEST	METHOD
Tensile Properties	ISO 37 : 2011
Hardness	ISO 48 : 2010
Compression Set	ISO 815-1 : 2008
Effect of Liquids	ISO 1817 : 2011
Stress Relaxation (Compression)	ISO 3384 : 1999 (Method B)
Ozone Resistance	ISO 1431-1 : 2004
Accelerated Ageing	ISO 188 : 2011 (Air Oven)



TEST REPORT

REPORT NO : QA/2015/0923/1

DATE : 28.12.2015

SUBJECT : TESTING OF VULCANISED RUBBER SAMPLES.

SUBMITTED BY : YUREKA SDN BHD

No.32, Jalan Jalak 2,

Taman Sri Bahtera,

Batu 5, Jalan Cheras,

56100 Kuala Lumpur.

ON : 01st December 2015.

THESE RESULTS HAVE BEEN OBTAINED ON SAMPLE SUBMITTED TO US.

THE TYPES OF TEST ARE IN ACCORDANCE WITH THE CUSTOMER'S REQUIREMENT.

THE UNCERTAINTY OF MEASUREMENT AND CONDITIONS OF THE TESTS ARE AVAILABLE FROM THE PHYSICAL TESTING LABORATORY, IF REQUIRED.

THIS REPORT, EXCEPT IN FULL, SHALL NOT BE REPRODUCED WITHOUT THE PRIOR APPROVAL OF THE DIRECTOR GENERAL.



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TEST REPORT

REPORT NO : QA/2015/0923/1

DATE : 28.12.2015

SAMPLE DESCRIPTION

Sample description : Vulcanised Rubber Samples.

Marked : **EPDM**

Test to Standard : Please Refer To Page 4 Of 4.

Date of Testing : 02.12.2015-23.12.2015

PROPERTY	OBSERVED QA/2015/0923/1 EPDM
Hardness, IRHD	74
Tensile Strength, MPa	3.2
Elongation at Break, %	340
Compression Set, (72 hours/23°C) , %	26
(24 hours/70°C), %	38
Immersion in Distilled Water, (7 days/70°C) Change in Volume, %	2
Properties after accelerated ageing in air, 7 days at 70°C	
Change in Hardness, IRHD	1
Change in Tensile Strength, %	9
Change in Elongation at Break, %	16

*Non accredited test.



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PROPERTY	OBSERVED QA/2015/0923/1 EPDM
Stress Relaxation in Compression*, (7 days/23°C), %	27
Ozone Resistance, (50pphm/48 hours/20% strain/40°C)	No Crack

*Non accredited test.


(Shamheza Suhatta)
Research Officer
Physical Testing Laboratory
Malaysian Rubber Board