

No. 0307/ **4169**



To Settakij Wattana Rubber Co., Ltd.

The Department of Science Service presents the test report for the sample named "Compound rubber" Laboratory No. L54/01157.1 as the total of 1 sample with reference to the request No. L54/01157 dated 3 February 2011.

Enclosed herewith the following result avails for your acknowledgement.



Physics and Engineering Program

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TEST REPORT

Sample's name

Compound rubber

Mark / Brand

-

Laboratory No.

L5401157.1

Test Result

t_{90} at 165°C, min 11.84

Hardness, Type (Shore) A 71

Tensile strength, MPa 10.6

Modulus at 300% elongation, MPa 9.16

Elongation at break, % 345

After ageing at 130°C, 72 h

Hardness, Type (Shore) A 78

Tensile strength, MPa 9.6

Modulus at 300% elongation, MPa -

Elongation at break, % 147

Customer's name Settakij Wattana Rubber Co., Ltd.

Customer's address 5 Moo 8, Sukhapiban road, A. Kratumban, Samuthsakorn 74130

Sample's description Black test pieces

Test date 14 February 2011 – 7 March 2011

Test method 1. t_{90} at 165°C : ASTM D5099

2. Hardness : ASTM D2240

3. Tensile strength, Modulus at 300% elongation, Elongation at break : ISO 37

Approved by

(Mr. Apinun Ubpakarakun)

Scientist, Senior Professional Level

Reported by

(Miss Pantila Poomrabeab)

Scientist, Practitioner Level

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