

TEST REPORT



REPORT NO. : HV-16-03044XA

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REPORT DATE : Jun. 22, 2016

SUPERLON WORLDWIDE SDN. BHD.

The following merchandise was submitted and identified by the vendor as :

Product Name : NITRILE BTADIENE RUBBER (NBR) BLACK INSULATION

Product Type : NITRILE BTADIENE RUBBER (NBR) BLACK INSULATION

Product Color : Black

Manufacturer/Vendor : SUPERLON WORLDWIDE SDN. BHD.

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification, please see following sheets in detail.)

Thermal Conductivity

Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : JUNE 03, 2016

Date of Testing : JUNE 03, 2016 ~ JUNE 22, 2016



Signed for and on behalf of
SGS Taiwan Ltd.

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Thermal ConductivityTest Equipment :

Name	Brand	Model
Thermal conductivity tester	NETZSCH	HFM 436/3/1

Lab Environmental Conditions :

Ambient Temp. : 23±2°C
Relative Humidity : 50±5%RH

Test Method/ Specification :

Ref. to ASTM C177-10 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus

Test Condition :

The thickness of the test : 2.4774 cm
The mean temperature : 19.02°C
Delta T : 19.96°C
Temp Gradient : 805.16°K/m

Test Result :

Test Item(s)	Test Result(s)
Thermal Conductivity(W/m · K)	0.0352

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Test Photo :



Test Sample

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