

Bellaterra: 22nd February, 2021

File number: **21/23374-335**

Petitioner's reference : **SAUDI RUBBER PRODUCTS FACTORY**
Kingdom of Saudi Arabia
The first Industrial City in Qassim
PO BOX 5033 – Buraidah 51422

TEST REPORT

Date sample received: 2021-02-09

Date test performed: Start: 2021-02-09
End: 2021-02-11

OBJECT OF THE TEST

Determination of the relative linear rate of burning or extent and time of burning according to the ASTM D635 – 18 standard: « Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position1 »

CHARACTERISTICS OF THE SAMPLE

Some polymeric foam material of black colour samples were received from the petitioner, measuring approximately 13 mm thick, and with the following indications according to the petitioner:

Commercial reference: SRP.FLEX

Rubber Insulation foam of NBR PVC "Nitrile Butadien Rubber with a density of 0.055 g/cm³, superficial density of 55 kg/m², black colour, and Closed Cell Foam

Final Use Condition: For Air Conditioning Systems and Building Isolation

Manufacturer: SAUDI RUBBER PRODUCTS FACTORY. Address: Qassim 1st Industrial city Burydah Kingdom of Saudi Arabia.



Photography 1: Sample received

The reproduction of this document is only authorised if it is made in its totality. Electronically signed reports in digital format are considered original documents, as well as its electronic copies. Their printing has no legal validity. LGAI, Technological Center, S.A. is not responsible for the documentation and/or information provided by the petitioner. This document has 2 pages, of which -- are annexes.

TEST REQUESTED

Horizontal burning test applicable for the determination the relative linear rate of burning or extent and time of burning, according to ASTM D635-18

RESULTS

Conditioning of the samples was proceeded according to paragraph 8 of this standard and in accordance with the following procedure:

Two sets of specimens at (23±2)°C and (50±5)% relative humidity for a minimum of 48 hours.

HORIZONTAL BURNING TEST

Environmental conditions: 22.1 °C and 46 %

Samples	I	II	III	IV	V	VI	VII	VIII	IX	X
a) Duration of the inflammation between both reference marks (in sec)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)
b) Distance burned from the 1st measurement mark (in mm)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)
c) Burn rate (in mm/min)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)	- (*)

(*) The flame front does not reach the 25 mm reference mark. In this case, according to paragraph 11.1.9 of the test standard, the elapsed time and burned length are not reported.

Laboratory Manager
 LGAI Technological Center S.A. (APPLUS)

Technician Responsible of Reaction to Fire
 LGAI Technological Center S.A. (APPUS)

The results refer exclusively to the samples tested at the time and under the conditions indicated.

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with. In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com