

## FLAMMABILITY TEST REPORT

**Report No.:** LEI21120252A      **Date Received:** 02/12/21      **Date Tested:** 08/12/21      **Date Issued:** 08/12/21

**Company Name & Address:** RIF AMETIST  
140730 RUSSIAN FEDERATION  
MOSCOW REGION  
ROSHAL  
2-Y PYATILETKI ST.

**Contact Name:** SERGEY SUSHKOV

### Sample Details

Order No.: Not stated  
Description: Polyurethane foam  
Ref/Style No.: Not stated  
Colour: unpainted  
Quality: HR3530FR  
Supplier: RIF Ametist  
Batch No.: 3245/01-09-2021  
End Use: Furniture  
Number of Samples: Not stated  
Fibre Content: Not stated  
Retailer: General  
Specification No.: Not stated  
Sample Description: White coloured polyurethane foam

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-2:2014 (Match Flame Equivalent)	None	As BS EN 1021-2:2014 (Match Flame Equivalent)	<b>Non-Ignition (PASS)</b>



ANDREW HALLETT  
(Flammability Team Leader)

CAROLE SPOWART  
(Flammability Administrator)

GREGORY JAMES  
(Flammability Technician)

STEVEN OWEN  
(Technical & Operational Excellence Manager)

## FLAMMABILITY TEST REPORT

### Test Specification

Test Method: BS EN 1021-2: 2014 (Match Flame Equivalent)  
Ignition Source: Source 1: Butane Gas flowing at 45ml/min  
Side Tested: Face

### Filling Specification

Filling Type: Polyurethane foam  
Supplier / Grade: NS / NS  
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
Density / Hardness: NS / NS

### Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 5.43%

### Pre-treatment / Durability procedure

None.

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At time of testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

### Match flame equivalent

Test number / position	1	2	3
<b>Criterion of ignition</b>			
<b>Smouldering Criteria</b>			
Unsafe escalating combustion (3.1a)	No	No	No
Test assembly consumed (3.1b)	No	No	No
Smoulders to extremities (3.1c)	No	No	No
Smoulders through thickness (3.1c)	No	No	No
Smoulders more than 1 hour (3.1d)	No	No	No
In final examination, presence of active smouldering (3.1e)	No	No	No
<b>Flaming criteria</b>			
Unsafe escalating combustion (3.2a)	No	No	No
Test assembly consumed (3.2b)	No	No	No
Flames to extremities (3.2c)	No	No	No
Flames through thickness (3.2c)	No	No	No
Flames longer than 120 s (3.2d)	No	No	No
<b>Comments</b>			
Flaming ceased	-	-	-
Glowing ceased	-	-	-
Smoke ceased	12 Seconds	10 Seconds	9 Seconds
<b>Result (Ignition / Non Ignition)</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>

*"The above test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."*

## FLAMMABILITY TEST REPORT

The client acknowledges and agrees that any services provided and/or reports produced by Intertek are done so within the limits of the scope of work agreed pursuant to the client's specific instructions. This report relates specifically to the sample(s) tested that were drawn and delivered by the client or their nominated third party. Intertek does not make any representation or warranty for any bulk samples or certify the bulk samples received from the client. Furthermore, Intertek does not provide a warranty or verification on the sample(s) representing any specific goods, material and/or shipment and only relate to the sample(s) as received and tested. Intertek have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. In no event, will the contents of any reports or any extracts, excerpts or parts of any reports be distributed or published without the prior written consent of Intertek in each instance. Only the client is authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.