

## FLAMMABILITY TEST REPORT

**Report No.:** LEI17103584A      **Date Received:** 18/10/17      **Date Tested:** 24/10/17      **Date Issued:** 09/11/17

**Company Name & Address:** RIF AMETIST  
2-Y PYATILETKI STR.,  
ROSHAL  
RUSSIA FEDERATION  
140730

**Contact Name:** MEDVEDEVA OLESYA

**Sample Details**

Reference No.: Not stated  
Order No.: Not stated  
Style No.: PU foam grade HR3530FR  
Batch No.: 2479  
Quality: Not stated  
Colour: Not stated  
Supplier: Not stated  
Intended Use: Not stated  
Quoted Fibre Composition: Not stated  
Retailer: Not stated  
Buying Division: Not stated  
Sample Description: White coloured polyurethane foam

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1: 2014	None	As BS EN 1021-1: 2014	<b>Non Ignition (PASS)</b>
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 Technician)

SIMON CHEE  
(Operations Manager)

## FLAMMABILITY TEST REPORT

### Filling Specification

Filling Type: Polyurethane Foam  
Supplier / Grade: Not stated / HR3530  
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
Density / Hardness: Not stated / Not stated

### 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 %

### Test Results

Test number / position	1	2
<b>Criterion of ignition</b>		
<b>Smouldering Criteria</b>		
Unsafe escalating combustion (3.1a)	No	No
Test assembly consumed (3.1b)	No	No
Smoulders to extremities (3.1c)	No	No
Smoulders more than 1 hour (3.1d)	No	No
In final examination, presence of active smouldering (3.1e)	No	No
<b>Occurrence of flames (3.2)</b>		
Occurrence of flames (3.2)	No	No
<b>Comments</b>		
Flaming ceased	-	-
Sample glowing ceased	-	-
Smoke ceased	< 23 Minutes	< 24 Minutes
<b>Result (Ignition/Non Ignition)</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."*

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### 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	0 Seconds	0 Seconds	0 Seconds
Glowing ceased	-	-	-
Smoke ceased	9 Seconds	9 Seconds	7 Seconds
<b>Result (Ignition/Non Ignition)</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>

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