

## FLAMMABILITY TEST REPORT

**Report No.:** LEI20011922A      **Date Received:** 16/01/20      **Date Tested:** 27/01/20      **Date Issued:** 30/01/20

**Company Name & Address:** PUREKO SP. Z O.O.  
UL. INWESTYCYJNA 18  
42-300 MYSZKOW

**Contact Name:** M. PAWEZKA

### Sample Details

Order No.: Not stated  
Description: Wloknina puszysta 80g/m<sup>2</sup> - 800g/m<sup>2</sup>  
Ref / Style No.: Not stated  
Colour: White  
Quality: Not stated  
Supplier: Pureko Sp. z o.o.  
Batch No.: 0161219001  
End Use: Furniture  
Quoted Fibre Content: Polyester fibre wadding  
Retailer: Not stated  
Specification No.: Not stated  
Sample Description: White coloured fibre wadding

Test Method	Pre Treatment	Flammability performance requirement	Result
BS 5852: Part 2: 1982 (Ignition source 2) as modified by Schedule 2 Part 1 of the Furniture & Furnishings (Fire) (Safety) Regulations 1988 (As Amended).	None	As Schedule 2 Part 1 (non-foam filling materials tested singly) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies

**Please note:** 5 layers of the wadding were used to create the 75mm depth of filling required

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(Technical & Operational Excellence Manager)

  
.....  
**ANDREW HALLETT**  
(Flammability Team Leader)

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**CAROLE SPOWART**  
(Flammability Administrator)

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(Flammability Technician)

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### Test Specification

Test method: BS 5852: Part 2: 1982 as modified by Schedule 2 Part 1 (non-foam filling materials tested singly) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended) and using the cover fabric detailed below.

Ignition Source: Source 2: Butane Gas flowing at  $160 \pm 5$  ml/min @ 25°C.

Flame application time: 40±1 seconds

### Filling Specification

Filling type: Sheet fibre filling

Cover fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety) Regulations 1988 (as amended).

### Conditioning

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of  $20 \pm 5$ °C and a relative humidity of  $50 \pm 20$ %

At time of testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

### Test Results

*"The following 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."*

Pass / Fail Criteria	Initial test	Repeat test
<b>Progressive smouldering failure</b>		
Externally detectable amounts of smoke, heat or glowing 30 min after the removal of the burner tube	No	No
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Smouldering essentially consumed the test specimen within the duration of the test	No	No
<b>Flaming failure</b>		
The test specimen continued to flame for more than 120 seconds after removal of the burner tube	No	No
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Flaming essentially consumed the test specimen within the duration of the test	No	No
<b>Final examination</b>		
Internal progressive smouldering was observed when the test specimen was dismantled	No	No
<b>Comments</b>		
Time to extinction of flames after removal of the burner	0 Seconds	0 Seconds
Time to extinction of glowing after removal of the burner	-	-
Time to extinction of smoke after removal of the burner	4 Seconds	5 Seconds
Extent of damage to seat back length / width (mm)	120      45	180      35
Extent of damage to seat base length / width (mm)	40      30	40      35
<b>Test Result</b>	<b>PASS</b>	<b>PASS</b>

### Conclusions

The filling material meets the requirements of Schedule 2 Part 1 (non-foam filling materials tested singly) of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

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