

**FLAMMABILITY TEST REPORT**

**Report No:** 392089/07      **Date Received :** 26/02/07      **Date Tested:** 28/02/07      **Date Issued:** 28/02/07

**Company Name & Address:** POLYA LTD  
 UNIT 2, HARVEY COURT  
 HARVEY LANE  
 GOLBORNE  
 WARRINGTON  
 WA3 3RX

**Contact Name:** MIKE TURNBULL

**Sample Details**

Tested on behalf of: Automotive Leisure, Poole, Dorset  
 Customers description: Fabric – 360gram Multi Coloured  
 Colour(s) : Multi  
 Fabric type: Woven  
 Sample description: 1 piece of multi coloured woven fabric with a flame retardant finish

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1:1994 (Smouldering Cigarette)	None (At the request of the customer)	As BS EN 1021-1:1994 (Smouldering Cigarette)	NI (PASS)
BS EN 1021-2:1994 (Match Flame Equivalent)	None (At the request of the customer)	As BS EN 1021-1:1994 (Match Flame Equivalent)	NI (PASS)
BS 7176: 1995 Direct test	None (At the request of the customer)	Low Hazard	PASS

**Note:** The customer requested that the test carried out over standard (non combustion modified) Polyurethane foam with an approximate density 21 kg/m<sup>3</sup>



.....  
**KRISTIAN LEE**  
 (Flammability Technician)

.....  
**STEVEN OWEN**  
 (Flammability Technician)

.....  
**SIMON CHEE**  
 (Area Leader)

.....  
**ANDREW WHITE**  
 (Quality Manager)

Report No.: 392089/07 Page 1 of 2



1516

**Intertek Labtest UK Limited**

The Warehouse, Brewery Lane, Leigh, Lancashire, WN7 2RJ, UK.  
 Telephone: +44 (0)1942 265700 Fax: +44 (0)1942 670788  
 Email: labtest.uk@intertek.co.uk Web: www.intertek-labtest.com  
 Registered in England No. 3287320 Registered Office: 25 Savile Row London W1S 2ES



INVESTOR IN PEOPLE

## FLAMMABILITY TEST REPORT

### Test Specification

Test method: BS EN 1021-1:1994 (Smouldering Cigarette)  
 BS EN 1021-2:1994 (Match Flame Equivalent)

Criterion of ignition: BS EN 1021-1:1994: Calibrated Senior Service cigarette.  
 BS EN 1021-2:1994: Butane Gas flowing at 45±2ml/min@ 25°C. for 15±1 seconds

### Filling Specification

Filling type: Polyurethane foam

Supplier / grade: Vitafoam / VP45 unmodified

Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)

Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B, 130

### Pre-treatment / Durability procedure

None (At the request of the customer)

### Conditioning

Prior to testing: At least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%

At time of testing: Temperature between 10°C. and 30°C. and a relative humidity between 15% and 80%.

### Test Results

BS EN 1021-1:1994 (Smouldering Cigarette). Test 1:	The cigarette burnt out after 26 minutes and 2 seconds, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-1:1994 (Smouldering Cigarette). Test 2:	The cigarette burnt out after 26 minutes and 25 seconds, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:1994 (Match Flame Equivalent). Test 1:	Flaming ceased 1 second after removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:1994 (Match Flame Equivalent). Test 2:	Flaming ceased 2 seconds after removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
<i>"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."</i>	

### Conclusions

The composite tested meets the requirements of BS EN 1021-1:1994 (Smouldering Cigarette). **PASS.**

The composite tested meets the requirements of BS EN 1021-2:1994 (Match Flame Equivalent). **PASS.**

The composite tested meets the requirements of BS 7176:1995 Direct test for Low Hazard. **PASS.**