

Test Report

Welding Shelter



Part No: 1475

Specialised Welding Products Ltd

Unit 1, Farringdon Industrial Centre, Farringdon
Nr Alton, Hampshire GU34 3DD, UK

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: FIREPROOF TARPAULIN

Type/style: 07090012

Composition: 100% TERYLENE FABRIC WITH PVC FLAME RETARDANT COATING

Area density: 18×12

Test Required:

To comply with the requirement of CPAI-84 A Specification for Flame – Resistant Materials Used In Camping Tentage.

Test Results: -- See attached sheet --

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I. Sample details

Materials	PVC	
Fabric weight	246.3g/m ²	
Color	Yellow	
Size of sample	Wall and Roof	70mm×300mm

II. Test conducted

Flammability test for wall and top materials in CPAI -84 A specification for flame-resistant materials used in camping tentage

III. Test results

1) As Received

specimen	Damaged Length(mm)		After Flame time (s)		Flaming Broken or Flaming Debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	118	120	0	1	NO	NO
2	125	123	2	0	NO	NO
3	116	114	0	1	NO	NO
4	127	123	0	1	NO	NO
Average	121.5	120.0	0.5	0.5	--	--

2) After Leaching

specimen	Damaged Length(mm)		After Flame time (s)		Flaming Broken or Flaming Debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	128	120	1	0	NO	NO
2	117	115	0	0	NO	NO
3	118	118	1	1	NO	NO
4	122	126	0	1	NO	NO
Average	121.3	119.8	0.5	0.5	--	--

3) After Weathering

specimen	Damaged Length(mm)		After Flame time (s)		Flaming Broken or Flaming Debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	147	139	3	0	NO	NO
2	135	128	0	1	NO	NO
3	131	140	1	1	NO	NO
4	142	136	0	0	NO	NO
Average	138.8	135.8	1	0.5	--	--

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Requirement:

1. After – flame time

No specimen shall have an after – flame time of more than 4 seconds.
Average after – flame time of all specimens shall not exceed 2 seconds.

2. Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet.

3. These requirement includes:

Specimens that was unleached and unweathered
Specimens that was leached but unweathered
Specimens that was weathered but unleached

4. Damaged lengths (See table 1 in standard)

Fabric weight (g/m ²)	Maximum average for sample unit(mm)	Maximum for individual specimen (mm)
246.3	165	255

5. Any wall or top material with a mass of less than 100 g/m² will be considered acceptable if the mass loss during the test is no greater than 5 percent of the original test specimen mass, regardless of the damaged length measurement.

Note: The after – flame time shall be reported to the nearest 0.2 second and the damaged length to the nearest 1 mm

Test Result: PASS