

# Flammability Material Test Certificate

## Bunsen Burner Test Data Sheet

Test Laboratory  
HAM TQ/M-C

Design Organization Approval  
EASA.21J.019



Material Description  
Helifloor NTF

Composition  
woven cotten coated with FR PVC

Test Number  
4565/2013

Manufacturer  
n/a

Customer/Specification  
n/a

Application  
n/a

Customer Part Number  
HAI-501101 - 106, HAI-512201-203

Batch Number  
n/a

Article Number  
n/a

Weight  
995 g/sqm

### Test Method CS/JAR/FAR 25.853

### Test Requirement (Max Avg) Conditioning 24 h Flametemp. 845 °

Ignition Time For Details refer to applicable Part of App. F	Material Definitions	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow
<input type="checkbox"/> 1. 60 sec Ignition Vertical Test	Interior Panels; Galleys	15 sec	6 inches (152 mm)	3 sec			
<input checked="" type="checkbox"/> 2. 12 sec Ignition Vertical Test	Floor Coverings; Textils; Decorative Parts; Galley Furnishings; Cushions; Electrical Conduits; Insulations; Ducts; Cargo Liners	15 sec	8 inches (203 mm)	5 sec			
<input type="checkbox"/> 3. 15 sec Ignition Horizontal Test 2,5 inch/min	Clear Windows; Signs; lighted Instrument				2,5 inch/min		
<input type="checkbox"/> 4. 15 sec Ignition Horizontal Test 4 inch/min	Small Parts; Knobs; Clips; Electrical Parts, etc.				4 inch/min		
<input type="checkbox"/> 5. 30 sec Ignition - 45 Degree	Cargo Liners; B + E	15 sec				none	10 sec
<input type="checkbox"/> 6. 30 sec Ignition - 60 Degree	Elec. Sys. Components, Insulations of elec. wires	30 sec	3 inches (76,2 mm)	3 sec			
<input type="checkbox"/> 7. Blanket Test	Passenger Blanket	15 sec		3 sec			

### Test Results

### Sketch / Construction

Sample Number	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow	Test Direction
1.	8 sec	50 mm	no drip	inch/min		sec	Lay or Weft/Fill
2.	5 sec	50 mm	no drip	inch/min		sec	Lay or Weft/Fill
3.	5 sec	50 mm	no drip	inch/min		sec	Lay or Weft/Fill
Average	6 sec	50 mm	no drip	inch/min		sec	Lay or Weft/Fill
1.	sec	mm		inch/min		sec	Warp
2.	sec	mm		inch/min		sec	Warp
3.	sec	mm		inch/min		sec	Warp
Average	sec	mm		inch/min		sec	Warp

Test Date : 24.07.2013

Tested by (Name, Stamp, Signature) : G. Damwijk

52970

Engineering/Work Order

Pass  Fail

Witnessed by:  
(if present)

Comments