

Flammability Material Test Certificate

Bunsen Burner Test Data Sheet

Test Laboratory
HAM T/TQ-MC



Lufthansa Technik

Approved Design Organisation EASA.21.J.019

Material Description tesa FR Foam tape Q		Composition -/-		Test Number 200124_022	
Manufacturer tesa SE		Customer/ Specification tesa FR Foam tape Q		Application -/-	
Customer Part Number -/-		Batch Number Sample		Article Number -/-	
				Weight -/-	

Test Method CS/JAR/FAR 25.853		Test Equipment BM: 526889908		Test Requirements (Max Avg.)		Conditioning 24 h		Flame Temperature Test 6: 955 °C / Test 1-5,7: 845 °C	
Ignition Time	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

Sample Number	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow	Test Direction
1.	7,0 sec	110,0 mm	1,0 sec	inch/min		sec	Lay or Weft/Fill
2.	5,0 sec	115,0 mm	1,0 sec	inch/min		sec	Lay or Weft/Fill
3.	5,0 sec	95,0 mm	1,0 sec	inch/min		sec	Lay or Weft/Fill
Average	5,7 sec	106,7 mm	1,0 sec	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

Sketch / Construction

Test Date : 24.01.2020 Tested by (Name, Stamp, Signature) : Caroline Erdmann U416705 Engineering/Work Order

Pass Fail

Witnessed by:
(if present)

Comments