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Prüfmethode FAR 25.853

Flammability Material Test Certificate Bunsen Burner Test Data Sheet

Test Laboratory
 HAM TQ23-C

Authorization
 EASA.21J.019



Material Description
 aiXfoam RG 30 Ester (light grey)

Composition

Test Number
 6040/2005

Manufacturer
 Schaumstoffe Helgers

Customer/Specification

Application

Customer Part Number

Batch Number
 only this batch

Article Number

Weight

Test Method FAR 25.853

Test requirement (Max Avg)

Conditioning 24 h

Ignition Time	Material Definitions	Flame Extinguishing	Burn Length	Drip Extinguishing	Burn Rate	Flame Penetration	After Glow
For Details see FAR Part 25 App. F Part 1							
<input type="checkbox"/> 1. 60 sec Ignition Vertical Test	Interior Panels; Galleys; Under Seat Stowages	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 Instruments				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	Electrical System Components; Insulation of electrical wires	30 sec	3 inches (76 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.	0 sec	15 mm	no drip	inch/min		sec	Lay or Weft/Fill
2.	0 sec	15 mm	no drip	inch/min		sec	Lay or Weft/Fill
3.	0 sec	15 mm	no drip	inch/min		sec	Lay or Weft/Fill
Average	0 sec	15 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 : 21.10.2005

Tested by : Damwijk

50070
02970

Engineering/Work Order

Pass

Fail

Approved :

Comments :

LHT Form 31147 B-02 (FRA WE 2) Printed in the Federal Republic of Germany Rev. Date 01.09.2004

Die angegebenen Daten entsprechen den nach den üblichen Prüfmethode ermittelten Werten. Da diese Daten innerhalb der festgelegten Spezifikationen schwanken können diese Werte auch Veränderungen unterliegen; sie sind daher keine Eigenschaftszusicherung im Sinne der Rechtssprechung des BGH. Technische Änderungen behalten wir uns vor.