

**Schaumstoffe Helgers e.K.**  
 CNC-Schneidewerk  
 IGP-Industrie und Gerwerbepark  
 Ernst-Abbe-Str. 12  
 52249 Eschweiler  
 www.aixFOAM.de  
 Fon: +49 (0)2403 / 83830 - 22  
 Fax: +49 (0)2403 / 83830 - 13

## 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  
 80402005

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	6 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 - 80 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

02070

Engineering/Work Order

Pass

Fail

Approved :

Comments :

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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.